SKYLINE Oil Company

A TEXAS EASTERN COMPANY

October 13, 1983

DIVISION OF OIL, GAS & MINING

State of Utah Department of Natural Resources Division of Oil, Gas and Mining 4241 State Office Building Salt Lake City, UT 84114

Re: Application for Permit to Drill Skyline Oil Company's Proposed Mustang Unit #22-34, SW\setion 22, T36S - R23E, SLM, San Juan County, Utah Federal Lease U-23521

Gentlemen:

Enclosed herewith are duplicate copies of our Application for Permit to Drill with attached exhibits for the proposed well. We have included copies of the surveyors plat, topo maps, archeological report and other exhibits. Any other information that is required will be furnished gladly.

Very truly yours,

Michael D. Anderson

Staff Engineer

Enclosures

OPERATOR SKYLINE OIL CO	DATE 10-20-83
WELL NAME MUSTANG UNIT # 22-34	_
SEC 5W SE 27 T 365 R 23E COUNTY	SAN JUAN
43-037-30943 API NUMBER TYPE	FED OF LEASE
POSTING CHECK OFF:	
INDEX	HL
NID	PI
PROCESSING COMMENTS:	
10-20. Hope	25
1	
CHIEF PETROLEUM ENGINEER REVIEW:	
APPROVAL LETTER:	
SPACING: A-3 MUSTANG C-3-a	CAUSE NO. & DATE
c-3-b	
SPECIAL LANGUAGE: WATER	

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RECONCILE WEIL NAME AND LOCATION ON APD AGAINST SAME DATA ON PLAT MAP.
AUTHENTICATE LEASE AND OPERATOR INFORMATION
VERIFY ADEQUATE AND PROPER BOIDING
AUTHENTICATE IF SITE IS IN A NAMED FIELD, ETC.
APPLY SPACING CONSIDERATION
ORDER
UNIT MUSTANIE
с-3-ь
с-3-с
CHECK DISTANCE TO NEAREST WELL.
CHECK OUTSTANDING OR OVERDUE REPORTS FOR OPERATOR'S OTHER WELLS.
IF POTASH DESIGNATED AREA, SPECIAL LANGUAGE ON APPROVAL LETTER
IF IN OIL SHALE DESIGNATED ARFA, SPECIAL APPROVAL LANGUAGE.

October 20, 1983

Skyline Oil Company 2000 University Club Building Salt Lake City, Utah 84111

> RE: Well No. Mustang Unit #22-34 SWSE Sec. 22, T. 36S, R. 23E 1876' FSL, 2414' FEL San Juan County, Utah

Gentlemen:

Insofar as this office is concerned, approval to drill the above referred to oil well is hereby granted in accordance with Section 40-6-11, Utah Code Annotated 1953; and predicated on Rule A-3, General Rules and Regulations and Rules of Practice and Procedure. Prior to spudding, a copy of the Utah Division of Water Rights (Phone No. 891-533-6071) approval for use or purchase of drilling water must be submitted to this office, otherwise this approval is void.

Should you determine that it will be necessary to plug and abandon this well, you are hereby requested to immediately notify the following:

RONALD J. FIRTH - Chief Petroleum Engineer

Office: 533-5771 Home: 571-6068

Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (acquifers) are encountered during drilling. Your cooperation in completing this form will be appreciated.

Further, it is requested that this Division be notified within 24 hours after drilling operations commence, and that the drilling contractor and rig number be identified.

The API number assigned to this well is 43-037-30943.

Sincerely,

Norman C. Stout

Administrative Assistant

NCS/as

cc: Branch of Fluid Minerals

Encl.

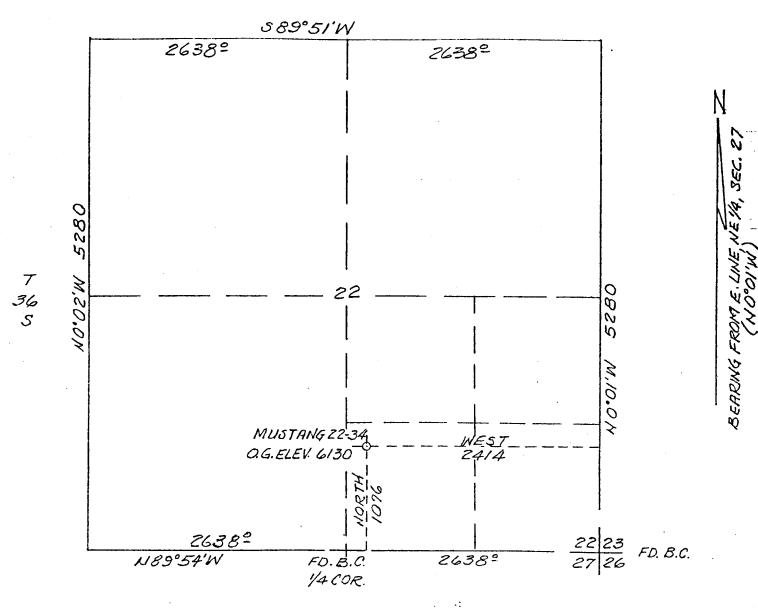
Form approved. Budget Bureau No. 42-R142 SUBMIT IN TRIPLICATE. (Other instruction 3 on reverse sicon UINTED STATES
DEPARTMENT OF THE INTERIOR 5. LEASE DESIGNATION AND SERIAL NO.

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D. TIPE OF WELL OIL WELL W	S OTHER		813 ZO	NGLE MULTIE	re 🗗	8. FARM OR LEASE NA	ME
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SKYLINE OIL	COMPANY					9. WELL NO.	
3. ADDRESS OF OPERATOR						MUSTANG UN	IT #22-34
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Section 22:	T36S - R23E					Sec. 22, T	
At proposed prod. 201 SAME	i e				•	SLM	
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15. DISTANCE FROM PROPO LOCATION TO NEARES	DSED*		16. NO	. OF ACRES IN LEASE	17. NO. 0	F ACRES ASSIGNED	
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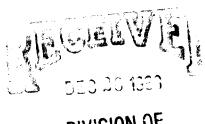
CONDITIONS OF APPROVAL ATTACHED

FLARING OR VENTING OF GAS IS SUBJECT OF NTL 4-A **DATED 1/1/80**

R23E



NOTE: SEC. BOUNDARY CALLS
ARE RECORD G.L.O. TWP MAP



DIVISION OF GAS & MINING

WELL LOCATION PLAT OF

MUSTANG UNIT Nº 22-34 IN

SW/4 SE 1/4, SEC. 22, T3GS, R23E, S.L.B. &M.

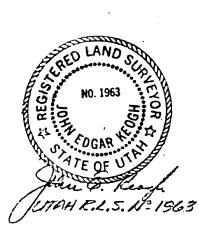
SAN JUAN COUNTY, UTAH

TRANSIT &E.D.M. SURVEY

FOR: SKYLINE OIL COMPANY.

SCALE: 1"=1000' AUGUST31,1983

ELEV BY VER. ANGLES FROM U.S.G.S. TOPO. QUAD. BLANDING, UTAH" 1957 (E'/4 COR., SEC. 27 = 6000)



Skyline Oil Company Well No. Mustang Unit #22-34 Sec. 22, T. 36 S., R. 23 E. San Juan County, Utah Lease U-23521

Supplemental Stipulations:

- 1. The new road will bypass two (2) archaeological sites as flagged by Rick Hauck. The seis trail will be blocked with trees at its junction with the new construction and also blocked 500' West where it drops off the mesa.
- 2. Adequate and sufficient electric/radioactive logs will be run to locate and identify anticipated coal beds in the Dakota formation and Saline minerals in the Pennsylvanian Paradox formation. Casing and cementing programs will be adjusted to eliminate any potential influence of the well bore or productive hydrocarbon zones on the coal resource. Surface casing program may require adjustment for protection of fresh water aguifers.



DIVISION OF CIL. GAS & MINING

CONDITIONS OF APPROVAL FOR NOTICE TO DRILL

Company	Skyline Oil Comp	any	Well	No.Musta	ang 22-34
Location	Sec. 22, T. 36 S	., R. 23 E.	Leas	e. No. U-	-23521

A COPY OF THESE CONDITIONS SHOULD BE FURNISHED YOUR FIELD REPRESENTATIVE TO INSURE COMPLIANCE

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (30 CFR 221), and the approved plan of operations. The operator is considered fully responsible for the actions of his subcontractors. The following items are emphasized:

- 1. There shall be no deviation from the proposed drilling and/or workover program as approved. Safe drilling and operating practices must be observed. All wells, whether drilling producing, suspended, or abandoned shall be identified in accordance with 30 CFR 221.22. Any changes in operations must have prior approval of this office. Pressure tests are required before drilling out from under all casing strings set and cemented in place. Blowout preventer controls must be installed prior to drilling the surface casing plug and will remain in use until the well is completed, or abandoned. Preventers will be inspected and operated at least daily to insure good mechanical working order, and this inspection recorded on the daily drilling report. Preventers will be pressure tested before drilling casing cement plugs. All BOP pressure tests must be recorded on the daily drilling report.
- 2. All shows of fresh water and minerals will be reported and protected. A sample will be taken of any water flows and furnished this office for analysis. All oil and gas shows will be adequately tested for commercial possibilities, reported and protected.
- 3. No location will be constructed or moved, no well will be plugged, and no drilling or workover equipment will be removed from a well to be placed in a suspended status without prior approval of this office. If operations are to be suspended, prior approval of this office must be obtained and notification given before resumption of operations.

In the event abandonment of the hole is desired, an oral request may be granted by this office, but must be timely followed within 15 days with a "Notice of Intention to Abandon" (Form 9-331). Unless the plugging is to take place immediately upon receipt of oral approval, the District Manager must be notified at least 48 hours in advance of the plugging of the well in order that a representative may witness plugging operation. If a well is suspended or abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent Report of Abandonment" (Form 9-331) must be submitted within 15 days after the actual plugging of the well bore, reporting where the plugs were placed, and the current status of the surface restoration. If surface restoration has not been completed at that time, a follow-up report on form 9-331 should be filed when all surface restoration has been completed and the location is considered ready for final inspection.

DEO 20 1981

4. The spud date will be reported orally to the respective District Manager's office within 48 hours after spudding. If the spudding occurs on a weekend or holiday, wait until the following regular workday to make this report.

Periodic drilling progress reports must be filed directly with the District Manager's office on a frequency and form or method as may be acceptable to the District Manager.

In accordance with NTL-1, this well must be reported on Form 9-329 "Monthly Report of Operations", starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report should be filed, in duplicate, directly with Royalty Management Accounting Center, Minerals Management Service, P. O. Box 2859, Casper, Wyoming 82602.

Any change in the program must be approved by the District Manager. "Sundry Notices and Reports on Wells" (form 9-331) must be filed for all changes of plans and other operations in accordance with 30 CFR 221.58. Emergency approval may be obtained orally, but such approval does not waive the written report requirement. Any additional construction, reconstruction, or alteration of facilities, including roads, gathering lines, batteries, etc., which will result in the disturbance of new ground will require the filing of a suitable plan pursuant to NTL-6, and prior approval by the District Manager.

- 5. Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (form 9-330) will be submitted not later than 15 days after completion of the well or after completion of operations being performed, in accordance with 30 CFR 221.59. Two copies of all logs run, core descriptions, core analyses, well-test data, geologic summaries, sample descriptions, and all other surveys or data obtained and complied during the drilling, workover, and/or completion operations, will be filed with form 9-330. Samples (cuttings, fluid, and/or gas) will be submitted only when requested by this office.
- 6. Significant surface values (are) (are not) involved at this location.
 Accordingly, you (must) (need not) notify at least (24) (48) hours prior to commencing field operations to allow this office to have personnel present for consultation during the construction of roads and locations.

Your contact with the Di	istrict Office is:	Lynn Jackson	
Office Phone: 801-259	-6111 Ext 248	Home Phone:_	
City: Moab		State: Utah	
Resource Area Manager's	Address and contacts		
Address: 480 South	First West, P.O. Box	7, MOnticello,	<u>Utah 84535</u>
Your contact is: Bria			
Office Phone: 801-259	9-2201	Home Phone:	801-587-2087

7. SURFACE OPERATING STANDARDS

Unless otherwise specified herein, construction and maintenance of surface facilities approved under this plan shall be in accordance with the guidelines set forth in the BLM/FS/GS Oil and Gas Brochure entitle, "Surface Operating Standards for Oil and Gas Exploration and Development". This includes but is not limited to such items as road construction and maintenance, handling of top soil and rehabilitation.

- 8. If a replacement rig is contemplated for completion operations, a "Sundry Notice" to that effect must be filed, for prior approval of the District Manager, and all conditions of this approved plan are applicable during all operations conducted with the replacement rig.
- 9. Pursuant to NTL-2B requirements regarding disposal facilities for new wells, this is authorization for unlined pit disposal of the water produced from this well for a period of 90 days from the date of initial production for sales purposes. During this period, an application for approval of the permanent disposal method, along with the required water analysis and other information must be submitted for the District Manager's approval. Failure to timely file an application within the time allowed will be considered an incident of noncompliance, and will be grounds for issuing a shut-in order until the application is submitted.
- 10. This permit is valid for a period of one year from the date of approval.

 If construction does not commence within 90 days from approval, the operator must contact this office 15 days prior to beginning construction. Construction under adverse conditions may require additional stipulations. If the permit terminates, any surface disturbance created under the application must be rehabilitated in accordance with the approved plan. After termination, it is required that a new application be filed for approval for any future operations.
- 11. If a tank battery is constructed on this lease, it must be surrounded by a fire wall of sufficient capacity to adequately contain the storage capacity of the battery.
- 12. This Application for Permit to Drill is approved subject to the requirement that, should the well be successfully completed for production, this office must be notified when it is placed in a producing status. Such notification will be by telegram or other written communication, and must be received in this office by not later than the first business day next following the date on which the well is placed on production. The notification shall provide, as a minimum, the following informational items:
 - a. Operator name, address and telephone number.
 - b. Well name and number.
 - c. Well location (1/4, 1/4, Section, Township, Range and Prime Meridian).
 - d. Date was placed in a producing status.
 - e. The nature of the well's production, i.e. crude oil, or crude oil and casinghead gas, or natural gas and entrained liquid hydrocarbons.

- f. The OCS, Federal or Indian lease prefix and number on which the well is located. Otherwise, the non-Federal or non-Indian land category, i.e. State or private.
- 9. If appropriate, the unit agreement name, number and participating area name.

h. I	f	appropriate,	the	communitization	agreement	number.
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13.

SUPPLEMENTAL STIPULATIONS OF APPROVAL ATTACHED

ADDITIONAL STIPULATIONS FOR PRODUCTION FACILITIES

Your Application for Permit to Drill also included a smomittal for production facilities. These production facilities are approved for the lessee and his designated operator under Section 1 of the Oil and Gas Lease with the following conditions:

- (1) The oil and gas measurement facilities must be installed on the well location. The oil and gas meters will be calibrated in place prior to any deliveries. Tests for meter accuracy are to be conducted monthly for the first three months on new meter installations and at least quarterly thereafter. Please provide this office with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports are to be submitted to the Salt Lake City District Oil and Gas Supervisor. Royalty payments will be made on all production volume as determined by the meter measurements or the tank measurements. All measurement facilities must conform with the API standards for liquid hydrocarbons and the AGA standard for natural gas measurement.
- (2) Gas meter runs for each well will be located within 500 feet of the wellhead. The gas flowline will be buried from the wellhead to the meter and 500 feet downstream of the meter run or any production facilities. Meter runs must be housed and/or fenced.
 - (3) All disturbed areas not required for operations will be rehabilitated.
- (4) All produced liquids must be contained including the dehydrator vent/condensate line effluent. All production pits must be fenced.
- (5) The well activity, the well status and the date the well is placed on production must be reported on Lessee's Monthly Report of Operations, Form 9-329.
- (6) All off-lease storage, off-lease measurement, or commingling on lease or off-lease must have written approval.
- (7) All product lines entering and leaving hydrocarbon storage tanks must be locked/sealed.
- (8) You are reminded of the requirements for handling, storing, or disposing of water produced from oil and gas wells under NTL-2B.
- (9) All materials, trash, junk, debris, etc. not required for production must be removed from the well site and production facility site at the completion of these operations.
- (10) A copy of the Gas Sales Contract will be provided to this office and the Royalty Accounting Department as directed.
- (11) Construction and maintenance for surface use approved under this plan should be in accordance with the surface use standards as set forth in the BLM/GS Oil and Gas Brochure entitled, "Surface Operating Standards for Oil and Gas Exploration and Development." This includes, but is not limited to, such items as road construction and maintenance, handling of top soil and rehabilitation.
- (12) "Sundry Notice and Reports on Wells" (form 9-331) will be filed for all changes of plans and other operations in accordance with 30 CFR 221.58. Emergency approval may be obtained verbally, but such approval does not waive the written report requirement. Any additional construction, reconstruction, or alternations of facilities, including roads, gathering lines, batteries, measurement facilities, etc., will require the filing of a suitable plan and prior approval by the survey.

ATTACHMENT A

SKYLINE OIL COMPANY WILDCAT OIL WELL

Mustang Unit #22-34
Section 22, T36S - R23E, SLM
San Juan County, Utah

1. The Geologic Name of the Surface Formation:

Dakota Formation (lower Cretaceous)

2. Estimated Tops of Important Geologic Markers:

1,240'
1,440'
2,190'
6,130'
6,370'
6,480'

3. Water sands will be protected behind the surface pipe set at 2250'. Prospective oil producing formations are the Ismay and Desert Creek.

4. Proposed Casing Program:

Hole Size (in.)	Csg. Size	<pre>& Weight (lbs/ft)</pre>	Cond.	Setting Depth (ft.)	Cement
16"	13-3/8"	48	New	30'	Redi-mix
12¼"	9-5/8"	36	New	2250'	950 sx
8-3/4"	7"	20#-26#	New	6500'	700 sx

Actual cement volumes will be determined by caliper log plus adequate excess.

5. Pressure Control Equipment:

Pressure control equipment will consist of a 10" 3000 psi W.P. double gate hydraulic BOP and a 10" 2000 psi W.P. Hydrill above 10" 3000 psi W.P. casing head with screwed outlets. See schematic drawings of BOP assembly and choke manifold. We will wait on cement 12 hours, nipple up BOP assembly, and test to 2000 psi (Hydril to 1000 psi) and drill surface casing after 24 hours WOC. Pipe ram operation will be checked daily and blind rams operated when pipe is removed from hole on trips.

6. Drilling Mud Program:

Interval	Program
0 - 2250'	Fresh water with gel required to maintain viscosity at 28-32 sec.
2200 - 4000'	Fresh water, low solids & lightly dispersed MW: 8.8-9.0 Vis: 32-38 WL: 10-15
4000 - 6500'	Fresh water, low solids & lightly dispersed MW: 8.8-9.0 Vis: 36-40 WL: 10

7. Auxiliary Equipment:

Auxiliary equipment to be used will consist of a Kelly cock and a full-opening drillpipe valve sub in open position on the floor at all times. A bit float will not be utilized unless conditions dictate.

8. Testing, Coring and Logging Program:

Two drillstem tests are possible - one each in the Ismay and Desert Creek Formations.

30' to 90' of core in Ismay if warranted

30' to 60' of core in Desert Creek if warranted

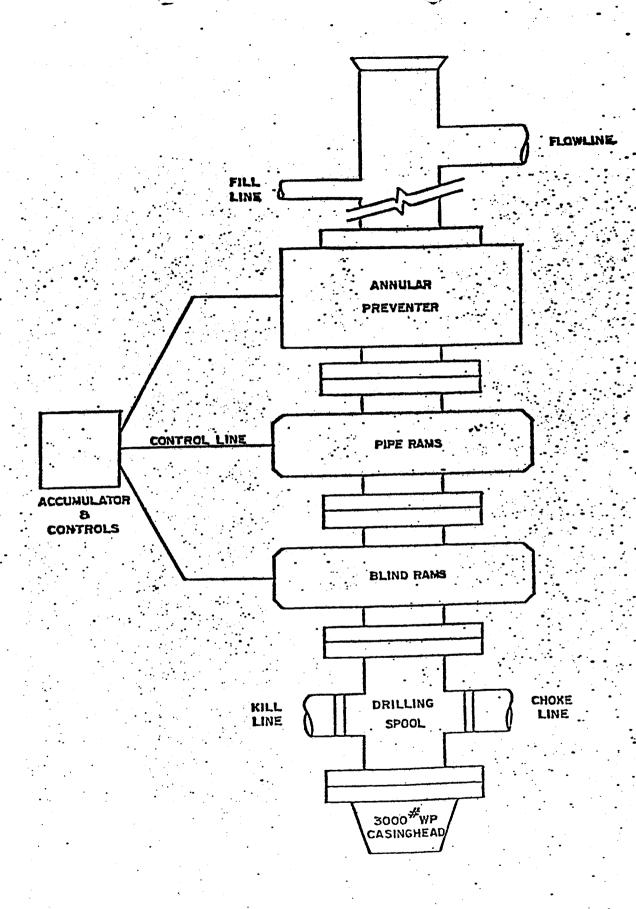
The following logs will be run:

GR-Sonic TD to surface	Dual Induction Log GR-FDC-CNL-Cal* GR-Sonic	TD to botto TD to botto TD to surfa	m of	surface	pip
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*GR will be run to surface

9. Anticipated Abnormal Pressures, Temperatures & Potential Hazards:
No abnormal pressures, temperatures or hazards are anticipated.

10. It is anticipated that drilling operations will commence on or about November 15, 1983 with approximately 20 days of drilling to reach T.D. Completion operations will require an additional 30 - 45 days.



BLOWOUT PREVENTER SCHEMATIC
3000 psi WORKING PRESSURE

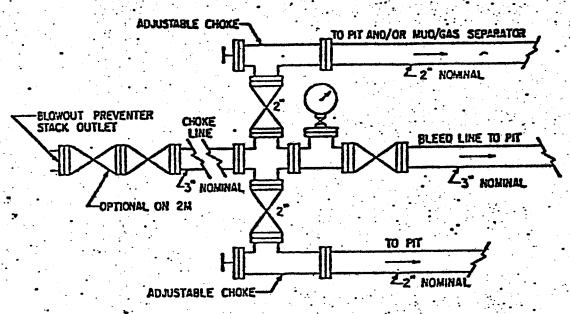
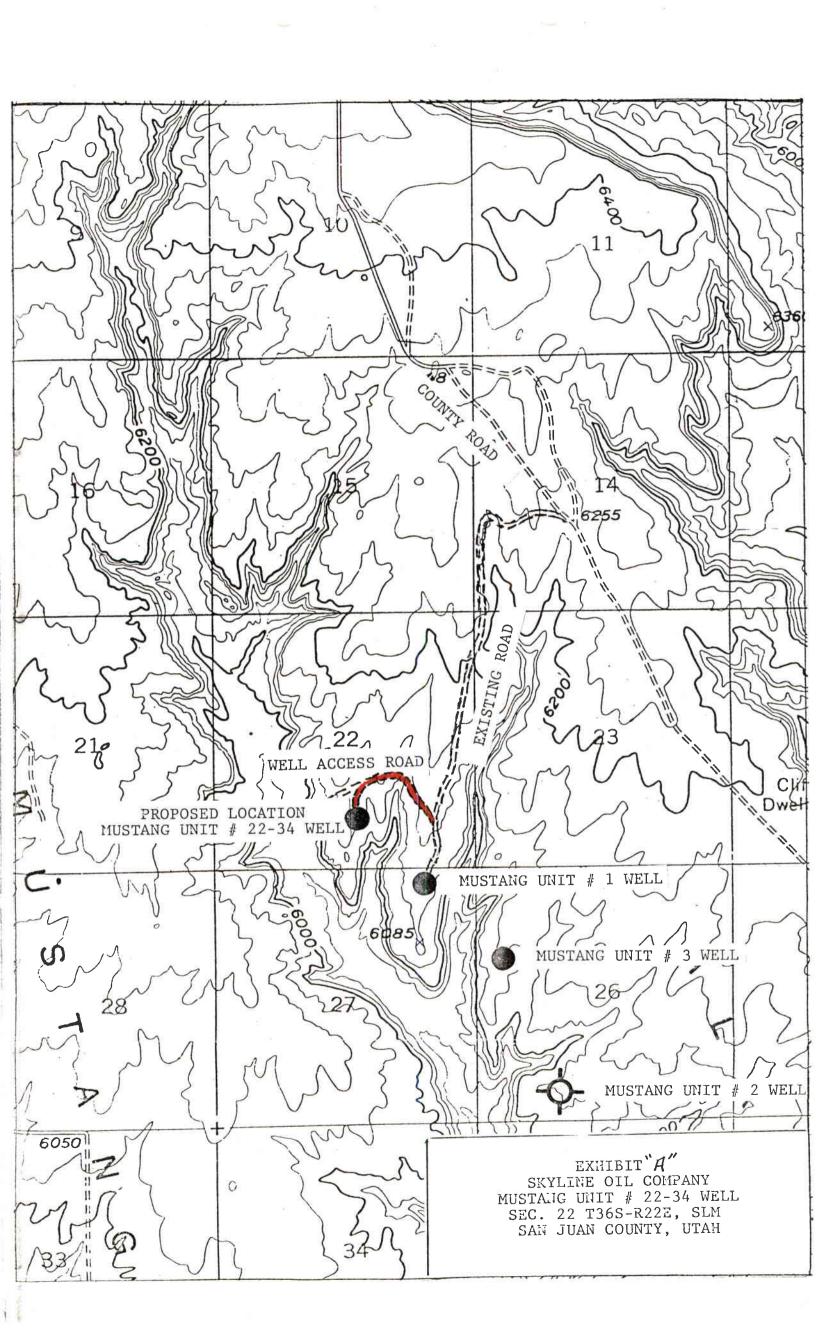


FIG. 3.A.1

TYPICAL CHOKE MANIFOLD ASSEMBLY FOR 2M AND 3M RATED WORKING PRESSURE SERVICE — SURFACE INSTALLATION



MULTIPOINT SURFACE USE AND OPERATIONS

SKYLINE OIL COMPANY

MUSTANG UNIT #22-34
SW\setion 22, T36S - R23E,
San Juan County, Utah

1. Existing Roads - Exhibit "A"

The attached Exhibit "A" shows the well site as staked and its position relative to existing roads, planned access road, and topography.

All existing roads are shown on Exhibit "A".

All county roads are maintained and are all-weather roads.

The San Juan County Road Department (801-587-2231, ext. 43) will be contacted before county roads are used.

No maintenance or improvements to existing county roads are planned. Grading will be done if necessary.

2. Planned Access Road:

The operator or his contractor will contact the San Juan Resource Area Office in Monticello, Utah, (801) 587-2201), 48 hours before beginning any work on public land.

The attached Exhibit "A" shows the planned access road in red. The existing service road and the Access Road are within the Mustang Unit Area of which Skyline Oil Company is Operator. The access road will follow an existing, well used seismic trail for approximately 2600 feet. New access road from the seismic trail to the location will be approximately 600 feet long. No cattle guards will be required. Culverts will be installed where necessary. Improvement to existing access will be necessary and will be limited to a total disturbed width of 20 feet. New construction will be limited to a total disturbed width of 20 feet. Surfacing material will not be placed on the road or location without prior BLM approval. If a permanent road is required, surface will be elevated, crowned, ditched and drainage Surfacing material will be gravel installed as needed. obtained through commercial sources.

The operator will give the dirt contractor a copy of the Surface Use Plan and any additional BLM stipulations before any work.

If subsurface cultural material is exposed during construction, work in that spot will stop immediately and the San Juan Resource Area Office will be contacted. All

employees working in the area will be informed by the operator that they are subject to prosecution for disturbing archaeological sites or picking up artifacts. Salvage or excavation of identified archaeological sites will only be done if damage occurs.

Surface disturbance and vehicular travel will be limited to the approved location and approved access route. Any additional area needed will be approved in advance.

3. Location of Existing Wells:

Existing wells within a two-mile radius of the proposed location are all within the Mustang Unit as indicated on Exhibit "A".

4. Location of Existing and/or Proposed Facilities Exhibit "B"

The proposed production facilities layout is shown on attached Exhibit "B" at a 1" - 50' scale. All production equipment, production pit and burn pit will be fenced. Two 500 barrel production tanks will be inside a 50' x 30' x 4.5' earthen retaining wall to prevent contamination in the unlikely event of a tank rupture. All flowlines will be buried and have working pressures exceeding the highest pressure anticipated for their use.

The reserve pit and that portion of the location and access road not needed for production or production facilities will be seeded in place using the prescribed seed mixture.

All above-ground production facilities will be painted a neutral color to be approved by the BLM. - Juniper Green

The access will be upgraded to BLM Class III road specifications.

5. Location and Type of Water Supply:

Water used for drilling and completion operations will be obtained from Recapture Creek 4 miles north of Blanding, Utah.

Use of water for this operation will be approved by obtaining a temporary use permit from the Utah State Engineer (801) 637-1303 and by receiving permission from the land owner or surface managing agency to use the land containing the water source.

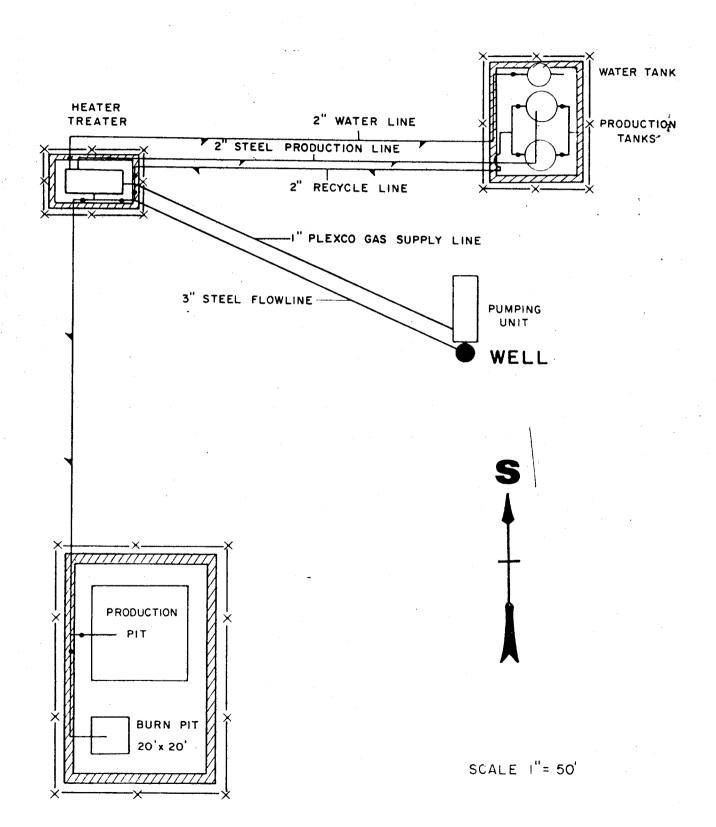
EXHIBIT "B"

SKYLINE OIL COMPANY

MUSTANG UNIT # 22-34 WELL

SEC. 22 T36S-R22E, SLM

SAN JUAN COUNTY, UTAH



6. Source of Construction Materials:

No construction materials not available at the drill site or along the access route will be required during the drilling operations other than gravel. Gravel will be purchased through the surface contractor.

No access roads other than that leading from the county road to the drill site as shown on Exhibit "A" will be required.

7. Methods of Handling Waste Disposal:

Drill cutting, water, drilling fluids, etc., created by drilling operations will be placed in the reserve pit. When sufficient time has elapsed for liquid wastes in pits to dry, pits will be backfilled as close to original contour as possible, topsoil spread and re-seeded as per Bureau of Land Management requirements.

Sewage disposal will be by means of self-contained chemical toilets and disposed of in an approved sanitary land fill.

A trash cage will be used to contain trash with disposal in an approved sanitary land fill.

Produced fluids will be stored in tanks and trucked from location - oil to the pipeline transfer point, and water to an approved disposal well or a drilling well.

8. Ancillary Facilities:

None are planned.

9. Wellsite Layout - Exhibits "C" & "D"

Attached Exhibit "C" is a schematic of the drilling layout. Exhibit "D" is the cross-sections of the proposed location showing amounts of cut and fill required.

The top 4 inches of soil material will be removed from the location and stockpiled separate from the trees on the North side. Topsoil along the access will be reserved in place.

A trash cage will be used.

The reserve pit will be lined with commercial bentonite sufficient to prevent seepage. At least half of the capacity will be in cut.

Three sides of the reserve pit will be fenced with four strands of barbed wire before drilling starts. The fourth side will be fenced as soon as the drilling is completed.

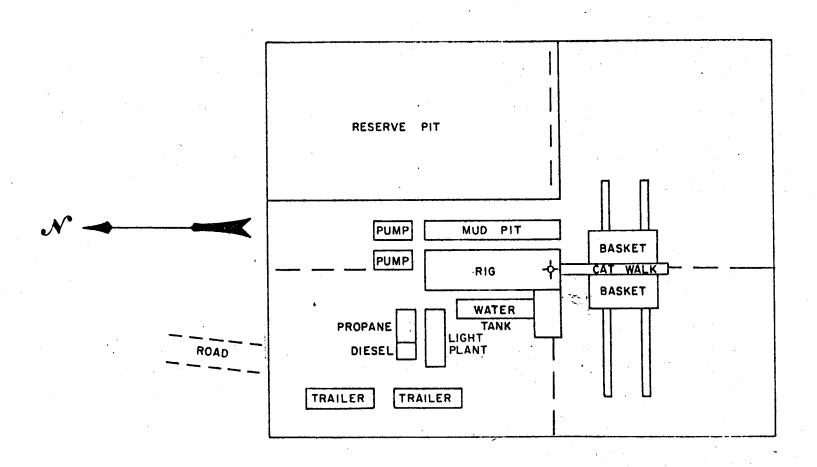
EXHIBIT "C"

SKYLINE OIL COMPANY

MUSTANG UNIT # 22-34 WELL

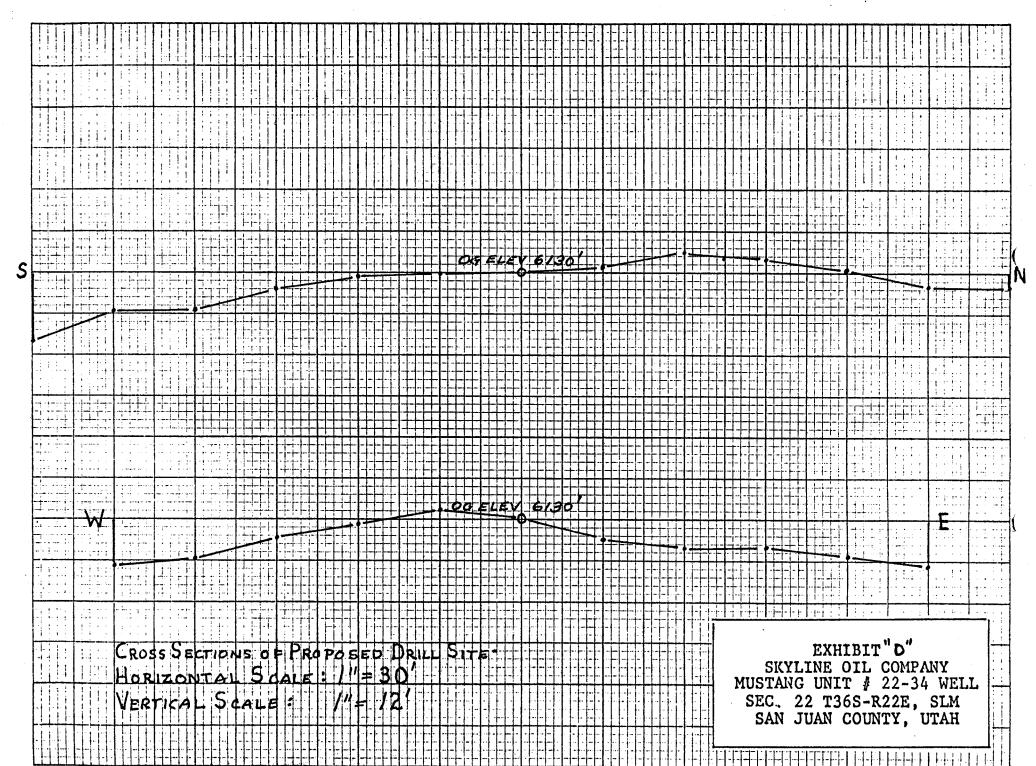
SEC. 22 T36S-R22E, SLM

SAN JUAN COUNTY, UTAH



SCALE I" = 50

EXHIBIT "C"



A burning permit is required for burning trash between May 1 and October 31. This can be acquired by contacting the State Fire Warden, John Baker, at (801) 587-2705.

10. Reclamation:

- 1. Immediately on completion of drilling, all trash and debris will be collected from the location and surrounding area. All trash and debris will be disposed of in the trash pit and will then be compacted and buried under a minimum of two feet of compacted soil.
- 2. The operator or his contractor will contact the BLM office in Monticello, Utah, (801) 587-2201, 48 hours before starting reclamation work that involves earthmoving equipment and upon completion of restoration measures.
- Before any dirt work to restore the location takes place, the reserve pit must be completely dry.
- 4. All disturbed areas will be recontoured to blend as nearly as possible with the natural topography. This includes removing all berms and refilling all cuts.
- 5. The stockpiled topsoil will be spread evenly over the disturbed area. All disturbed areas will be ripped 12 inches deep with the contour.
- 6. Water bars will be built as follows to control erosion.

Grade		Spacing
2%		Every 200 feet
2-4%		Every 100 feet
4-5%		Every 75 feet
5+%	•	Every 50 feet

7. Seed will be broadcast between October 1 and February 28 with the following prescription. A harrow or similar implement will be dragged over the area to assure seed cover.

	2 lbs/acre	Indian ricegrass (Oryzopsis hymenoides)
-	1 lbs/acre	Curleygrass (Hilaria jamesii)
-	4 lbs/acre	Crested wheatgrass (Agropyron desertorum)
-	lbs/acre	Western wheatgrass (Agropyron smithii)
-	lbs/acre	Alkali sacaton (Sporobolus airodies)
-	lbs/acre	Sand dropseed (Sporobolus cryptandrus)
-	2 lbs/acre	Fourwing saltbush (Atriplex cansescens)
-	lbs/acre	Shadscale (Atriplex confertifolia)

lbs/acre Green ephedra (Ephedra viridis) lbs/acre Cliffrose (Cowania mexicana) 1 lbs/acre Desert bitterbrush (Purshia glandulosa) lbs/acre Winterfat (Eurotia lanata) lbs/acre Globemallow (Spaeralcea ambigua) 2 lbs/acre Wild sunflower (Helianthus annus) lbs/acre

After seeding is complete, the stockpiled trees will be scattered evenly over the disturbed areas. The access will be blocked to prevent vehicular access.

11. Other Information:

Vegetation consists of sagebrush, juniper, pinion pine, and assorted native grasses. Fauna includes deer, rabbits, assorted lizards not exceeding 12 inches in length, and various flying and crawling insects.

The leasehold acreage is Federal with surface administered by the Bureau of Land Management.

Grazing is the only surface use activity in the immediate area of the location.

No dwellings of any type exist in the area and no archeological, historical or cultural site will be disturbed by the proposed operations.

Lessee's or Operator's Representative: 12.

Operator's representatives for drilling and completion operations will be:

> Mr. Michael D. Anderson Mr. Reed G. Spjut c/o Skyline Oil Company 2000 University Club Building Salt Lake City, Utah 84111

Telephone: (801) 521-3500

12. Certification:

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite and access route; that I am familiar with the conditions that presently exist; that the statements made in this plan are, to the best of my knowledge, true and correct, and that the work associated with the operations proposed herein will be performed by Skyline Oil Company and its sub-contractors in conformity with this plan and the terms and conditions under which it is approved.

Michael D. Anderson,

Staff Engineer



ARCHEOLOGICAL - ENVIRONMENTAL RESEARCH CORPORATION

588 West 800 South Bountiful, Utah 84010 Tel: (801) 292-7061 or 292-9668 September 6, 1983

Subject:

Cultural Resource Evaluations of Two Proposed

Well Locations in the Alkali Point Locality

of San Juan County, Utah

Project:

Skyline Oil Company - Spur Well No. 1-34 and

Mustang Unit No. 22-34

Project No.:

SKOC-83-5

Permit:

Dept. of Interior 81-Ut-179

To:

Mr. Reed Spjut, Skyline Oil Company, 2000 University Club Building, 136 East South Temple, Salt Lake City, Utah 84111

Mr. Ed Scherick, Area Manager, Bureau of Land Management, P.O. Box 1327, Monticello, Utah

Info:

Mr. Rich Fike, BLM State Archeologist, Bureau of Land Management, University Club Building, 136 East South Temple, Salt Lake City, Utah 84111

Dr. David Madsen, State Archeologist, Antiquities Section, Division of State History, 300 Rio Grande, Salt Lake City, Utah 84101

Department of the Interior Bureau of Land Management Utah State Office	BLM Report ID No.
Summary Report of	Mitigation Acceptable Yes No Comments:
Report Title [A]L]K]A[L] [R]I]D[G[E]	WELL LOCATIONS L
Development Company Skyline Oil Comp	eany, Spur No. 1-34 and Mustang Unit No. 22-34
Report Date [0]9 · · 6	4. Antiquities Permit No. 81-Ut-179
MONTH	K 0 C - 8 3 - 5 County San Juan
Fieldwork Location: TWN [3]6 5 Rang	pe [2]3 E] Section(s) [2]2 [
TWN [3[7[S]] Rang	re [2 3 E Section(s) [0 1] [] []
Resource Area SJ TWN Rang	
PO= PONY EXPRESS, BR= BEAR RIVER, PR=PRICE RIVER BC= BOOK CLIFFS, HR= HOUSE RANGE, SE= SEVIER RIVER HM= HENRY MOUNTAINS, BE= BEAVER RIVER, DX= DI KA= KANAB, ES= ESCAL ANTE. SJ= SAN JUAN, GR= GR SR= SAN RAFAEL, DM= DIAMOND MOUNTAIN,	98 101 102103 104105 106107 108109 R, WS=WARM SPRINGS Fill in spaces 65,69,81,85,97,101 Only in the spaces 65,69,81,81,81,81,81,81,81,81,81,81,81,81,81,
Description of Examination Procedures:	
The archeologist meter wide transects within the access routes. Buffer areas ar an increased width of from 25 t	f.R. Hauck, walked a series of 10 to 15 flagged well locations and along the ound the well locations were examined for 0 40 meters.
Linear Miles Surveyed [• 3 3 1 1 1 1 1 1 1 1	10. Inventory Type [I]
Definable Acres Surveyed 118 123	R=Reconnaisance . I= Intensive
Legally Undefinable Acres 6	S= Statistical Sample
(*A parcel hard to cadastrolly locate i.e., Center o	section) lices, if appropriate) 12. Number Sites Found: [4] [] [
A total of four sites were eval the survey. One site, 42Sa1468 Unit Spur No. 1-34. This well about 65 meters to the NE away site to permit avoidance of the located adjacent to the access	uated and recorded duringo sites = 0 131 0 (823R/1), was located to the south of Well location was shifted 13.5
the original junction of the pr	oposed access route. This valuable pre- turbed by the continued use of this road
. Actual/Potential National Register Pro	operties Affected:
sites will be affected by the pr	consulted and no registered cultural resource oposed operation. Site 42Sa14680 is within
· Literature Search, Location/Date:	onticello Area Office - 9-1-83
· Conclusion/Recommendations:	
•	resource clearance be granted to
SKYLINE OIL COMPANY based upon adherence to the sti	pulations noted on the reverse:
. Signature Actancle	810 (87

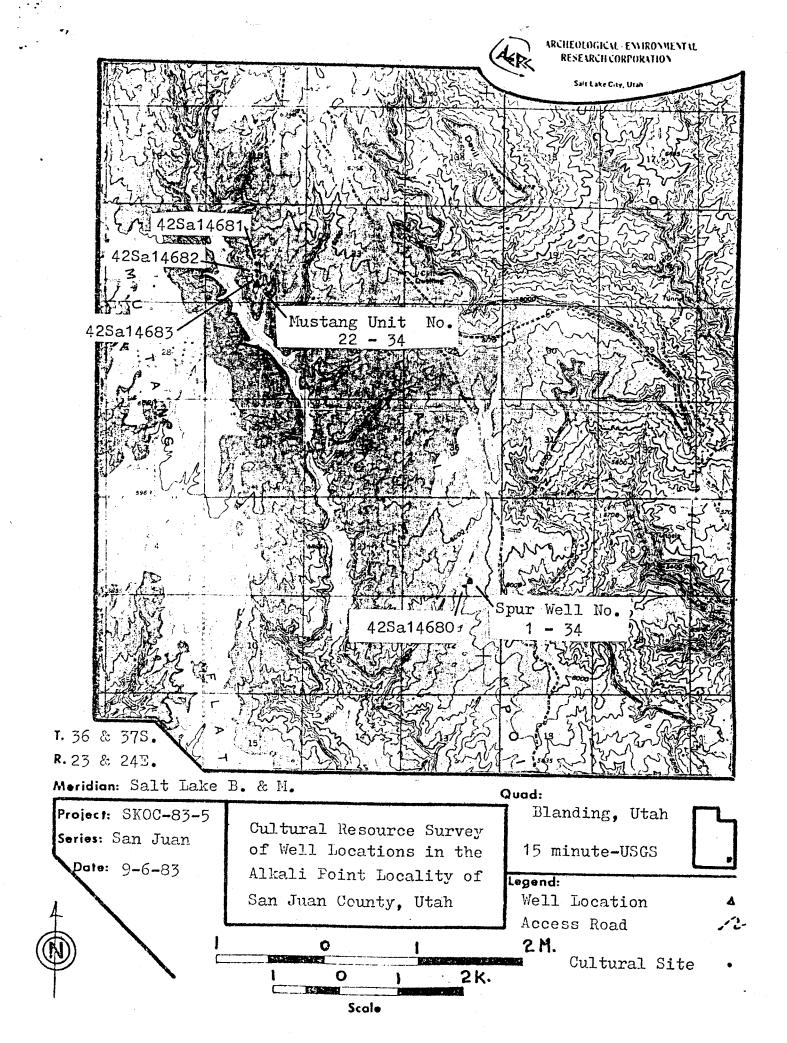
- 11. continued: The proposed route for the Skyline development can be moved to the east of the present junction point to help preserve the site from disruption by traffic into the Mustang 22-34 location. A permanent barricade should be erected on the road to the east of the site to stop further disturbance. Sites 42Sa14682 and 14683 are situated to the west of the access route into the 22-34 Unit. The access route was reflagged to the east of these sites (823R/3 & 4) to insure their avoidance.
- Intinued: the boundaries of the Alkali Ridge National Historic Landmark, but will not be affected by the development of the Spur Unit No. 1-34 as long as the trees and top-soil from the Spur Unit No. 1-34 as long as long as the trees and top-soil from the Spur Unit No. 1-34 as long as long as long as long as 14. continued: the location are placed as a barrier between the site and the location. The access into this unit should enter from the east in order to avoid the site.
- A corner-notched projectile point was collected from the drainage below the possible house mound on site 42Sa14681. 13. continued: The position of this artifact is shown on the site sketch provided with the site report. A sketch of the point is shown below. The point was collected for comparison with the AERC type collection and as an aid in determining the temporal and spatial relationships of the culture that occupied the site.



Actual Size

All vehicular traffic, personnel movement, and construction be 16. CONTINUED: confined to the locations examined and to the evaluated access roads. All personnel refrain from collecting artifacts or from disturbing

any cultural resources in the area. 3. A qualified archeologist be consulted should cultural remains from subsurface deposits be exposed during construction work or if the need arises to relocate or otherwise alter the construction area.



			OFY.
Form 9-321	UNI D STATES	SUBMIT IN TRIPLA E. (Other instructions on re-	Form approved. Budget Bureau No. 42-R1424.
(May 1953)	DEPARTMENT OF THE IN	TERIOR verse side)	5. LEASE DESIGNATION AND SERIAL NO.
	GEOLOGICAL SURV	EY January 19	U-23521
	SUNDRY NOTICES AND REPOR	RTS ON WELLS	# 1 · · · · · · · · · · · · · · · · · ·
(Do no	t use this form for proposals to drill or to deepen o Use "APPLICATION FOR PERMIT—" for	r plug back to a different reservoir.	
1.			7. UNIT AGREEMENT NAME MUSTANG
MECT X	WELL OTHER		8. FARM OR LEASE NAME
2. NAME OF O	SKYLINE OIL COMPANY	GAS & MINING	MUSTANG UNIT
3. ADDRESS OF	versity Club Building, SLC,	Utah 84111	9. WELL NO. 22-34
4 LOCATION C	F WELL (Report location clearly and in accordance w	ith any State requirements.*	10. FIELD AND PORL, OR WILDCAT
See also st	page 17 Delow.)		Wildcat 11. SEC, T., R., M., OR BLK. AND
1076'	FSL and 2414' FEL (SW SE)	Sec. 22, 1.365., R.23E	Sec. 22, T.36 S., R.23 E.
			SIM
14. PERMIT NO			12. COUNTY OR PARISH 13. STATE San Juan Utah
API #	43-037-30943 OGL-613		But Guar
16.	Check Appropriate Box To Ind	cate Nature of Notice, Report, or C	Other Data
	NOTICE OF INTENTION TO:	DOSERUE	ENT REPORT OF:
TEST WA	TER SHUT-OFF PULL OR ALTER CASING	WATER SHUT-OFF	REPAIRING WELL
FRACTUR	· 1	PRACTURE TREATMENT SHOOTING OR ACIDIZING	ALTERING CASING ABANDOWNENT®
8H00T 01		Comers Spild	X Wall
REPAIR W		Completion of Recombi	of multiple completion on Well etlon Report and Log form.)
nent w	PROPOSED OR COMPLETED OPERATIONS (Clearly state all d work. If well is directionally drilled, give subsur- this work.)*	•	including estimates date of starting and il depths for all markers and zones perti-
Spud	ded well 12:15 a.m. 2-3-84	•	
Dril	led 17%" hole to 66'. Ran	66' of 13-3/8" & ceme	nt w/5½ yds. redi-mix.
Dril	led 12½" hole to 2250'. R	an 2250' 9-5/8" 36# K-	55 STac casing.
Ceme	ented w/ 430 sx 65/35 Poz c	ontaining 6% gel, 2% C	aCl ₂ and %#/sx Flocele
foll	owed by 300 sx Class 'B' c	ontaining 2% CaCl ₂ and	l 눈#/sx Flocele and
75 6	ex Class 'B' containing 4%	CaCl, and $rac{1}{4}$ /sx Flocel	e.
7.5	placed w/ 171 BW. Bumped p	lug to 1000 psi over c	irc. pres sur e. Float
Disp	oraced w/ I/I bw. Dumped p	urface WOC	- -
helo	1. Circ. 45 sx cement to s	uilace. w.o.o.	ctall ROP-pressure test
Weld	l on casinghead; pressure	test to 900#- O.K.; II	11 and nament
to 2	2000 psi - O.K., PU 8-3/4"	bit drill out float co	ollar and cement.
Pres	ssure test casing to 1000 p	si - O.K.; drilling ab	nead.

SIGNED Muchical w. Chillense.	TITLE Staff Engineer	DATE
(This space for Federal or State office use)		·
APPROVED BY	TITLE	DATE

•	 	Duager	purequ	Ro.	1004-2130	Exbitas wedes	i,	S,	17	6

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

Form 3160-6 (November 1983) (Formurly 9-329)

MONTHLY REPORT
OF
OPERATIONS

Lease No	<u>71-23521</u>	n inch	*** *** ***
•	ation Agreement No.	*-	** **
	Mustang		
			CASA S
	Area Ismay		
S S	an Juan	State _	Utah -
OperatorS	kyline Oil Company		
☐ Amended			

The following is a correct report of operations and production (including status of all unplugged wells) for the montrol march, 19 32

(See Reverse of Form for Instructions)

This rapor? is required by law (30 U.S.C. 189, 30 U.S.C. 359, 25 U.S.C. 396d), regulation (43 CFR 3162.4-3), and the terms of the teases. Failura to report can result in the assessment of liquidated damages, (43 CFR 3160), penalties, shutting down operations, or busis for recommendation to cancel the lease and forfeit the bond (43 CFR 3160).

'Wall 7lo	Sec. & 14 of 14	TWP	RNG	Well Status	Days Prod	*Barrels of Oil	*MCF of Gas	*Barrels of Water	Remarks
22-34	22 SWSE	36\$	23E	Deus	O .	C	C	Ć.	
									JUL 1 1 1984
	† 								

*If none, so state.

DISPOSITION OF PRODUCTION (Lease, Participating Area, or Communitized Area basis)

	Oil & Condensate (BBLS)	Gas (MCF)	Water (BBLS)
ੇ0a hand, Start of Month	0	XXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXX
	O	6	<u> </u>
³Prodused		0	*****
'Sold		XXXXXXXXXXXXXXX	******
*Spilled or Lust	XXXXXXXXXXXXXXX	6	*******
Flared or Vented	<i>C</i>		*******
*Used on Lease	<u> </u>		0
²lnject e d	<u> </u>		
'Surfaca Pits	XXXXXXXXXXXXXX	XXXXXXXXXXXXXXX	
Other (Identify)	6		
On hand, End of Month		XXXXXXXXXXXXXXXX	***********
API Gravity/BTU Contest yelas forten		0. Box 2521 Houst	on. TX 77252
Authorized Signature: Douglas Peters			1
Title: Supervisor Production Service	<u> </u>	Page of	<u> </u>

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Fornt 9-331	UNI > STATES	SUBMIT IN TRIPLI	/F4"	Form approved. Budget Bureau N	vo. 42-R1424.
(May 1963)	ARTMENT OF THE INTER	RIOR (Other Instructions Verse side)	5. LEASE	DESIGNATION AND U-23	
CILIDAY	NOTICES AND REPORTS	ON WELLS	6. IF IND	IAN, ALLOTTEE OR	TRIBE NAME
(Do not use this form for	r proposals to drill or to deepen or plug APPLICATION FOR PERMIT—" for such	back to a different reservoir.	1		
Use "A	APPLICATION FOR PERSITT— for such	proposassy	7. UNIT /	AGREEMENT NAME	
OIL CAS C	THER			MISTA OR LEASE NAME	NG
2. NAME OF OPERATOR SK	YLINE OIL COMPANY	••	8. FARSI	MUSTANG	UNIT
3. ADDRESS OF OPERATOR		771- 0/111	9. WELL	NO. 22-34	
2000 University	Club Bldg., S.L.C.,	Utan 04111	10. FIEL	D AND POOL, OR W	
See also space 17 below.)	ocation clearly and in accordance with an	•	ł	Wildcat	
1076' FSL & 241	4' FEL (SW SE) Sec.	22, T.36 S., R. 23	11. SEC.,	T., R., M., OR BLK	
			Sec. R	22, T.36 . 23 E.,	SLM
14. PERMIT NO.	15. ELEVATIONS (Show whether	DF, RT, GR, etc.)	12. cour	TY OR PARISH 1	
API #43-037-30943	0GL-61	L30'	Sa	n Juan	Utah
16. Ch	eck Appropriate Box To Indicate	Nature of Notice, Report, o	or Other Da	la .	
NOTICE	OF INTENTION TO:	SUB	SEQUENT REPO	IT OF:	
TEST WATER SHUT-OFF	PULL OR ALTER CASING	WATER SHUT-OFF		REPAIRING WEI	
FRACTURE TREAT	MULTIPLE COMPLETE	FRACTURE TREATMENT SHOOTING OR ACIDIZING		ABANDONMENT	
SHOOT OR ACIDIZE	ABANDON* CHANGE PLANS	(Other)			
(01)		(Note: Report rec Completion or Rec	ompletion kep	DEC WILL THOS TOTM!	·/
17. DESCRIBE PROPOSED OR COMPL proposed work. If well i	ETED OPERATIONS (Clearly state all pertings directionally drilled, give subsurface lo	nent details, and give pertinent decations and measured and true ve	ates, including ertical depths	estimated date (for all markers a	of starting any nd zones perti-
nent to this work.	Oil Company intends				and the second second second second
The second secon					
1.	Install tubing hange	r and BOP.		* ***	
2.	Clean out casing to	± 6530'.			* • ·
3.	Perforate Desert Cre	ek Interval 6484'	- 6493	•	
4.	Acidize well as per	service company 1	cecommer	idation.	
	Swab well in and flo			,	
	Place well on produc				
6.	riace well on produc				
				*	•
18. I hereby certify that the fo	oregoing is true and correct			2 7	D /.
SIGNED Muhaut	W. Chileron TITLE_	Staff Engineer		3-7-8	04
	State office use)				

TITLE .

DATE _

"Form 9-331 "\$31 xy 1963)

UNI D STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

Form approved.
Budget Bureau No. 42-R1424.
5. LEASE DESIGNATION AND SERIAL NO.

	v	2772	_		
·					
SIP.	VATAVI	ALLOTTEE	C St	TRIBE	MAMI
800	and thin,	MUUUTING			

(Do not use this form for proposa Use "APPLICAT	is to drill or to deepen or plug by FION FOR PERMIT—" for such pr	ck to a different reservoir.	
1	<u></u>		7. UNIT AGREEMENT NAME
WELL CAS OTHER		- NHHOLOSI OF	MUSTANG
2. NAME OF OPERATOR SKYLINE	OIL COMPANY	DIVISION OF OH., GAS & MININ	8. FARM OR LEASE NAME MUSTANG UNIT
3. ADDRESS OF OPERATOR			9. WELL NO.
2000 University Club	Bldg., S.L.C., Ut	ah 84111	22-34 10. FIELD AND POOL, OR WILDCAT
 LOCATION OF WELL (Report location cle See also space 17 below.) At surface 	arly and in accordance with any	State requirements.	Wildcat
1076' FSL & 2414' FEL	(SW SE) Sec. 22,	, T. 36 S.,R.23	Sec. 22, T. 36 S., R. 23 E., SLM
:14. PERMIT NO.	15. ELEVATIONS (Show whether DF,	RT, GR, etc.)	12. COUNTY OR PARISH 13. STATE
API #43-037-30943	OGL-6130'		San Juan Utah
16. Check App	propriate Box To Indicate N	lature of Motice, Report,	or Other Data
NOTICE OF INTENT	ion to:	80)	BSEQUENT REPORT OF:
FRACTURE TREAT SHOOT OR ACIDIZE REPAIR WELL (Other)	ULL OR ALTER CASING ULTIPLE COMPLETE BANDON* HANGE PLANS	(Note: Report re Completion or Rec	production casing X sults of multiple completion on Well completion Report and Log form.)
nent to this work.)		*	lates, including estimated date of starting any ertical depths for all markers and zones perti-
			rs failed. Ran DST #2
•			ler contained 800 cc ga
and oil cut mud a	· · · · · · · · · · · · · · · · · · ·		
Drilled 8-3/4" ho	le to 6549'. Ran	n GRA-CNL-FDC,	GR-BHC Sonic and
GR-DIL-SFL logs.			47.0
Ran DST #3, packe	ers failed. Ran	DST #4 6476' -	6549'. 30-60-60-120.
Recovered 1600' S	GCDM (apparent m	isrun)	
Ran 165 jts. 5½"			
			additives. Displaced
with 157 BW. Bum	aped plug to 1800	psi - float he	1d. Plug down 10:55
a.m. 2-22-84. Re	eleased rig 2 p.m	. 2-22-84.	
·			

S. I hereby certify that the foregoing is true and correct SIGNED Michael	Staff Engineer	DATE3-7-84
(This space for Federal or State office use) APPROVED BY CONDITIONS OF APPROVAL, IF ANY:	TITLE	DATE

ous approved	DU0981	mures:	œo.	1004-0136	Cabiles	AUGUS1 31,	1765
_				•			

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

Form 3160-6 (November 1983) (Formerly 9-329)

MONTHLY REPORT OF OPERATIONS

Lease No. 71-23521	
Communitization Agreement N Field Name Mustang	
Unit Name	
Participating Area Ismay	
County San Juan	StateUtah
County San Juan Operator Skyline Oil Compa	ny
☐ Amended Report	

The following is a correct report of operations and production (including status of all unplugged wells) for the month of Private 1985

(See Reverse of Form for Instructions)

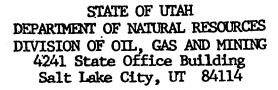
This raport is required by law (30 U.S.C. 189, 30 U.S.C. 359, 25 U.S.C. 396d), ragulation (43 CFR 3162.4-3), and the terms of the lasses. Failure to report can result in the assessment of liquidated damages, (43 CFR 3160), penalties, shutting down operations, or basis for recommendation to cancel the lease and forfeit the bond (43 CFR 3160).

Well Flo	\$25. & 14 of 14	TWP	RNG	Well Status	Days Prod	*Barrels of Oil	*MCF of Gas	*Barrels of Water	Remarks
22-34	22 SWSE	36S	23E	DRLG	0	o	c	C .	
									JUL i :1984
			-						
						·			
									·

*If none, so state.

DISPOSITION OF PRODUCTION (Lease, Participating Area, or Communitized Area basis)

	Oil & Condensate (BBLS)	Gas (MCF)	Water (BBLS)
⁺On hand, Start of Month	Ć)	******	XXXXXXXXXXXXXXX
*Producad	<u> </u>	<u> </u>	
~Sold	C	<u> </u>	XXXXXXXXXXXXXXXX
*Spilled or Lost	0	XXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXX
*Flared or Vented	XXXXXXXXXXXXXXXX	<u> </u>	******
"Usad on Lease	0	Ö	******
*ใก) ย ะใสด์	O	C	
"Surface Fits	XXXXXXXXXXXXXX	XXXXXXXXXXXXXXXX	
"Other (Identify)		6	<u>C</u>
*On hand, End of Month /		*******	*****
*On hand, End of Month API Gravity/BTU Consends play foliate Authorized Girantum Douglas Peters			XXXXXXXXXXXXXXXXX
Authorized Signature: Douglas Peters Fitle: Supervisor Production Service		P.O. Box 2521 Houst Page 1 of	on, TX 77252 1





DIVISION OF GHL, GAS & MINING

REPORT OF WATER ENCOUNTERED DURING DRILLING

Well Na	ame & 1	Number 1	MUSTAN	G UNI	r #22·	-34				·	 		
Operato	orS	KYLINE O	IL COM	PANY		_Add	cess_	Salt	Lake	ersity City,	<u>IItah</u>	Bui 841	lding ll
Contrac	ctor_	COLEMAN	DRILL	ING C	0.	_Add	cess	P. O Farm	. Box ingto	3337, n, New	Mexic	20_	87401
Locatio	on SV	7 1/4 SE	1/4	Sec	22	т	36S	_ R	23E	County	San	Juan	a ·
Water S	Sands)											
	<u> D</u>	epth		•	Volume				. (Quality			
	From	То		Flow 1	Rate o	r He	ad	•	Fre	sh or Sa	lty		
1													
2				No	Water	En	coun	tered	• .	·····			
3													
		•						20000					
		(1)	ntinue	on rev	erse s	rae	TT 1#	ecessa	Ly)				
Format Remark		He	inaru ermosa ah - (- 473	30'; I	Mo Sma	enko y -	pi - 6168'	2910' ; Des	; Cutl ert Cr	er - eek -	3080 642	'; !0';
NOTE:	(a)	Report or and Regul	this i	form as and Ru	provi	ded Pra	for ctic	in Rul e and	e C-20 Proced	, Genera ure.	al Rul	es	
	(h)	Tf a wate	r enelv	rsis ha	s beer	n mac	le of	the a	bove r	eported	zone,		

(b) If a water analysis has been made of the above reported zone, please forward a copy along with this form.

Form 3160-5 (November 1983) (Formerly 9-331)	DEPARTM	NITED STATI E OF THE OF LAND MAN	INTERIOF	SUBMIT IN TRIP (Other instruction verse side)	` FA- _	Expires August 5. LEASE DESIGNATION U-2352	AND BERIAL NO.
SUNI	DRY NOTIC	FS AND REP	ORTS ON	WELLS to a different reservo	ı	6. IF INDIAN, ALLOTTE	
i.						7. UNIT AGREEMENT H	AMR
WELL WELL	OTEZR			· · · · · · · · · · · · · · · · · · ·		MUSTAN 8. FARM OR LEASE NA	
2. NAME OF OPERATOR	SKYLINE	OIL COMPAN	Y			MUSTANG	
3. ADDRESS OF OPERATOR				· · · · · · · · · · · · · · · · · · ·		9. WELL NO.	ONII.
2000 Imiversi	tv Club	Bldg. S.L	.C., Uta	h 84111	l	22-3	4
4. LOCATION OF WELL (Re See also space 17 below	port location cles	irly and in accordan	ce with any Stat	te requirements.*		10. FIELD AND POOL, C	
1076' FSL & 2		. (SW SE) S	ec. 22,	T.36 S.,R.2	23 E. S	MUSTANG FLA 11. sec. T. E. M., or SURVEY OR ARE R. 23 E., S	36 S.,
14. PERMIT NO.		15. BLEVATIONS (Short		GR. etc.)		12. COUNTY OR PARIS	1
API #43-037-30)943	OGL	<u>-6130'</u>			San Juan	l Utah
16.	Check App	ropriate Box To 1	Indicate Natu	ire of Notice, Rep	ort, or Ot	her Data	
n	TICE OF INTENT	ON TO:	1		MUDBERUE:	NT EMPORT OF:	
17. DESCRIBE PROPOSED OR proposed work. If nent to this work.) Skyline 0	AB CH TOduction COMPLETED OPER, well is direction	TIONS (Clearly state ally drilled, give sub	fully re	Completion of	ort results of Recompletent dates, in rue vertical	to run a	on Wellorm, ite of starting and re and zones perti-
of the we				s estimated		•	
		will be ve					
				l request p			
vent the	gas, pro	pose an al	ternate	method of g	as dis	sposal, or	shut the
well in.					OF U OIL, DATE: BY:	MENBY THE JTAH DIVISIO GAS, AND MI	STATE
18. I hereby certify that SIGNED Mula	the foregoing is	/ /	TITLE S	taff Engine	er		2-84
(This space for Feder	al or State office	use)					
APPROVED BY			TITLE	·		DATE	-
CONDITIONS OF AP	PROVAL, IF AN						

	JNITED STATES 1ENT OF THE INTERIO	8UBMIT IN TRIPLICATE* (Other instructions on re- verse side)	Expires August 5. LEASE DESIGNATION 2	31, 1985
BUREAL	J C-AND MANAGEMENT	<u> </u>	U-23521	!
SUNDRY NOTICE TO THE TAPPLICATION OF THE TAPPL	CES AND REPORTS Of the to drill or to deepen or plug back tion for PERMIT—" for such prop	N WELLS k to a different reservoir.	6. IF INDIAN, ALLOTTEE	OR TRIBE WANE
			7. UNIT AGREEMENT WAS	12
WELL GAS GAS OTHER			MUSTANG 8. FARM OR LEADS HAM	
SKYLINE	OIL COMPANY		MUSTANG U	
ADDRESS OF OPERATOR			9. WELL NO.	:
2000 University Club	Bldg., S.L.C., Uta	ah 84111	22-34 10. FIELD AND FOOL, OR	
See also space 17 below.) At surface		11	MUSTANG FLAT	(ISMAY)
1076' FSL & 2414' FE	L (SW SE) Sec. 22,	1.50 5.,	11. BBC., T., R., M., OR BI BURYBY OB ARBA Sec. 22, T.	
			R. 23 E., SI	
14. PERMIT NO.	15. BLEVATIONS (Show whether Dr. BT	r, GR, etc.)	12. COUNTY OR PARISE	
API #43-037-30943	OGL-6130'		San Juan	Utah
•	propriate Box To Indicate Nat	•		
NOTICE OF INTENT	ION TO:	Mudesage	NT REPORT OF:	
	CLL OR ALTER CASING ULTIPLE COMPLETE	WATER SHUT-OFF	ALTERING CA	
	BANDON*	BEOOTING OR ACIDIZING X	ABANDONMEN	. 1——1
REPAIR WELL	HANGE PLANS	(Other)	f multiple completion o	n Well
(Other) 7. DESCRIBE PROPUSED OR COMPLETED OPER.	ATIONS (Clearly state all pertinent d	(Norz: Report results of Completion or Recomplete	cluding estimated date	of starting sav
proposed work. If well is direction nent to this work.)	ally drilled, give subsurface location	s and measured and true vertical	depths for all markers	and zones perti-
Move in and rig up	Completion Unit	4-4-84.		
Cleaned out 5½" cas	sing to 6549'. Ran	n GR-CBL-CCL log 6	6549'- 4650'	•
Perforated Desert (Creek interval 648	4' - 6493'. Acidi	ized interva	1
6484' - 6493' with	6400 gals. 28% HC	l and 4000 gals. g	gelled water	in
stages with all flo	uids containing 40	0 SCF N ₂ per barre	e1.	
Swab tested Desert	Creek recovering	approximately 18 1	80 and 44 BL	W.
Set 5½" CIBP @ 645	0'.			
Perforated Ismay 6	238' - 6244', 6259	' - 6266', and 628	80' - 6282'.	
Acidized Ismay 623	8' - 6282' with 40	00 gals. 15% HCl a	and 4000 gal	s.
gelled water.				
Flow tested well for the foregoing is		well in for BHP h	ouildup.	·
501 6 1/1//		taff Engineer	DATE	-84
(This space for Federal or State office	: use)			
APPROVED BY	TITLE		DATE	

7			
11			
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STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES

D	IVISION OF C	JIL, GAS, ANI	MINING)	RE(CE	IVE	,		II-2	3521
WELL CO	MPLETION	OR RECON	APLETIC	N R					6. IF INDIAN	, ALLOT	THE OR TRIBE NAME
1s. TYPE OF WELL		GAS WELL			Other JUN		1984		7. UNIT AGRI	EEMENT	NAME
b. TYPE OF COMP		LALJ WELL L	j DRY	ш .	Other		1.704		MUSTAN		
NEW K	WORK DEEF	PLUG DACK	DIFF. RESVR.		Othe PIVISI	ON	<u> </u>		S. FARM OR	LEASE	NAME
2. NAME OF OPERATO	n m	E OIL COM	DANV		GAS	& M	OIL OIL		MUSTAI	NG U	NIT
	SKILIN	E OIL COM	TANI						9. WELL NO.	22-3	
3. ADDRESS OF OPER 2000 Unive	ATOR	uh Buildi	na S I	С	IItah	84.	111				, OR WILDCAT
4. LOCATION OF WEL											
	-							,	11. SEC., T.,	IANG B., M., 0	FLAT R BLOCK AND SURVEY
	L & 2414'		SE) Se	c. Z	2, 1.30	0 0	.,K. 23) E.	Sec. 2	2. T	. 36 S.,
	erval reported beli ame	ow .					,				., SLB&M
At total depth	ame				-037-30						13. STATE
50	aure		14. PERM	IT NO.	1		ISSUED		12. COUNTY PARISH		
15. DATE SPUDDED	14 0477 70 95	ACHED 17. DATE	COMPL (R	eadu to	nrad) 10	12	<u>- 23 - 83</u>	3	San J	uan 19. E	Utah
_	2-20-	Į.	4-18-			GL	-6130	, 220, 2	.1, 02, 210.,	612	8' (est.)
2-3-84 20. TOTAL DEPTH, MD		, BACK T.D., MD A			TIPLE COMPL.,		1 23. INTE		ROTARY TOO	LS	CABLE TOOLS
6549'	6	450 '	1	iow M.	ANY-		— DEIL	→	X	1	
24. PRODUCING INTER							600	- ·		25	. WAS DIRECTIONAL SURVEY MADR
Ismay 62	38' - 624	4' 6259	9' - 62	266'	6280) '	- 628	2'			No
									I	27. W	AS WELL CORED
GR-FDC-CN			TE RHC	Son	i Car G	R – C	BL-CCI	L			No
28.	E, GR-DI				ort all strings						
CASING SIZE	WEIGHT, LB./				LE SIZE		CEM	ENTING			AMOUNT PULLED
13-3/8"	48	60	5'	17	7支"	_	yds.				None
9-5/8"	36	2250			<u> </u>	43	0 sx	Poz,	300 sx	<u>'B</u>	
5ᇂ''	15.5	6549	9' _	3	3-3/4"	55	0 sx	'H'			None
	1	TANAD DECORD				<u> </u>	30.	7	UBING REC	ORD	
29. 81ZE	TOP (MD)	BOTTOM (MD)	SACKS CEM	ENT*	SCREEN (M	<u></u>	SIZE		DEPTH SET ()		PACKER SET (MD)
		5011022 (510)					2-3/8	1	<u>`</u>	<u> </u>	
31. PERFORATION REC		•	_	,	82.	AC	ID, SHOT,	FRACT	URE, CEMEN	T SQU	EEZE, ETC.
6238' - 6	244' 13	35'' h	oles		DEPTH IN						(ATERIAL USED
6238' - 6 6259' - 6 6280' - 6	266' L	55'' h	oles		6238'		<u>6282'</u>	<u> 400</u>	<u>0 gals.</u>	15	% HCl
6280' - 6	282.)j n	ores								
33.*				PRO	DUCTION						· · · · · · · · · · · · · · · · · · ·
DATE FIRST PRODUCT	1	CTION METHOD (flowing, gas	lift, p	umping-eise	and t	ype of pum	p)	WELL	STATUS	e (Producing or roducing
4-18-84	<u> </u>	Lowing									
DATE OF TEST	HOURS TESTED	12/64	PROD'N. TEST PE		1 148.2		GAS-MC		WATER—BB	L.	GAS-OIL RATIO 1147
5-17-84	CASING PRESSUI		OIL—BB		GAS-		<u> </u>	WATER-	ABL.	OILG	BAVITY-API (CORR.)
515 psi	Pkr.	24-HOUR RAT				70	1	_	- '		43.6
34. DISPOSITION OF	1	fuel, vented, etc.)					<u></u>		TEST WITHE	SSED B	r Crowson
Vented									161	3	
35. LIST OF ATTACE	MENTS										
36. I hereby certify	that the foregoing	ng and attached i	nformation i	s com	lete and corr	ect a	s determine	ed from	all available	records	
		1/1									6-4-84
signed ZZZ	mus C	(Anderson	TITI	LE _	<u>Staff E</u>	ng:	ıneer		DAT	E	0-4-04



NSTRUCTIONS

or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency,

Hem 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State should be listed on this form, see item 35.

Hems 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or interval, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 83. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Hem 29: "Sacks Coment": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Hem 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.) tem is: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments. or Federal office for specific instructions.

87. SUMMARY OF POROUS ZONES: SHOW ALL IMPORTANT SONES OF	OUS ZONES:	MARY OF POROUS ZONES: SHOW ALL IMPORTANT SOMES OF POLOSITY AND CONTENTS THEREOF; DESCRIPTION ALL PRESENT CHRESIA HER. SHAM STOL OPEN PLANTED	R THERBOD; CORED INTERVALE; AND ALL DRILL-STEM TESTS, INCLUDING EW DIAWING AND SHITS-IN PERSHIPER, AND RECORDING	88. GWOLOG	GBOLOGIC MARKERS	37
FORMATION	TOF	BOTTOM			-or	
					MEAS. DEPTH	TRUB VERT. DEPTE
Ismay	6137	6300	DST #1 Misrun	Shinarump	2783	
	6137	6300	- 3023#	Moenkopi	2910'	
			IFP - 295-395# - 90 min. ISIP- 2485# -120 min.	Cutler	3080	
			FFP - FSIP	Hermosa	4780'	
			2956# 130°F	Ismay (Upper)	, 6168'	- 4
			Recovered 663' gas cut mud - 5.08 bbls.	Ismay (Lower)	6340'	
Desert Creek	9476	6249	DST #3 Misrum	Desert Creek	6420'	
	9419	6246	DST #4 Misrum	Akah	6505	
		,				

~ RECEIVED

SKYLINE
Oil Company

A TEXAS EASTERN COMPANY

JUN 8 1984

DIVISION OF OIL GAS & MINING

June 6, 1984

State of Utah
Department of Natural Resources
Division of Oil, Gas, and Mining
4241 State Office Building
Salt Lake City, Utah 84114

Re Mustang Unit #22-34 SW SE Sec. 22, T. 36 S., R. 23 E. San Juan County, Utah Federal Lease No. U-23521

Gentlemen:

In accordance with Division Rule C-27, Skyline Oil Company respectfully requests permission to flare casinghead gas from the above-referenced well in volumes in excess of 25 MCFD.

During the state required 72-hour test conducted June 2 - 4, 1984, the well produced a total of 237.2 BO, no water, and 498 MCF of casinghead gas for a 24-hour average of 79.1 BO and 166 MCF of casinghead gas.

Presently this well is located approximately 14.5 miles, straight line distance, from the nearest gas pipeline. The estimated cost to install the required pipeline and facilities to connect this well to the existing pipeline is \$1,750,000.

The estimated gas reserves for this well was calculated on a volumetric basis and is approximately 240,000 MCF. See Attachment 'A' for detailed calculation.

The estimated total undiscounted revenue from the casinghead gas at an estimated market price of \$3.25 per MCF is \$780,000.

The potential for reinjection of the casinghead gas is limited at this time due to the small volumes of gas produced. However. Skyline Oil Company plans additional drilling in the Mustang Flat Field and when sufficient volumes of casinghead gas are available for reinjection at economic rates, it is Skyline Oil Company's intention to gather this gas and reinject it into the reservoir.

If you concur with this request, please approve administratively at your earliest convenience.

Sincerely,

Michael D. Anderson, Staff Engineer

ATTACHMENT "A"

Reserves Calculation

0i1:

Recoverable reserves =
$$\frac{7758 \text{ A h } \phi \text{ (1-Sw) R}_{\text{f}}}{\text{Be}}$$

= $\frac{7758 \text{ (80) (is)} (.119) \text{ (1-.38)} .25}{1.45}$

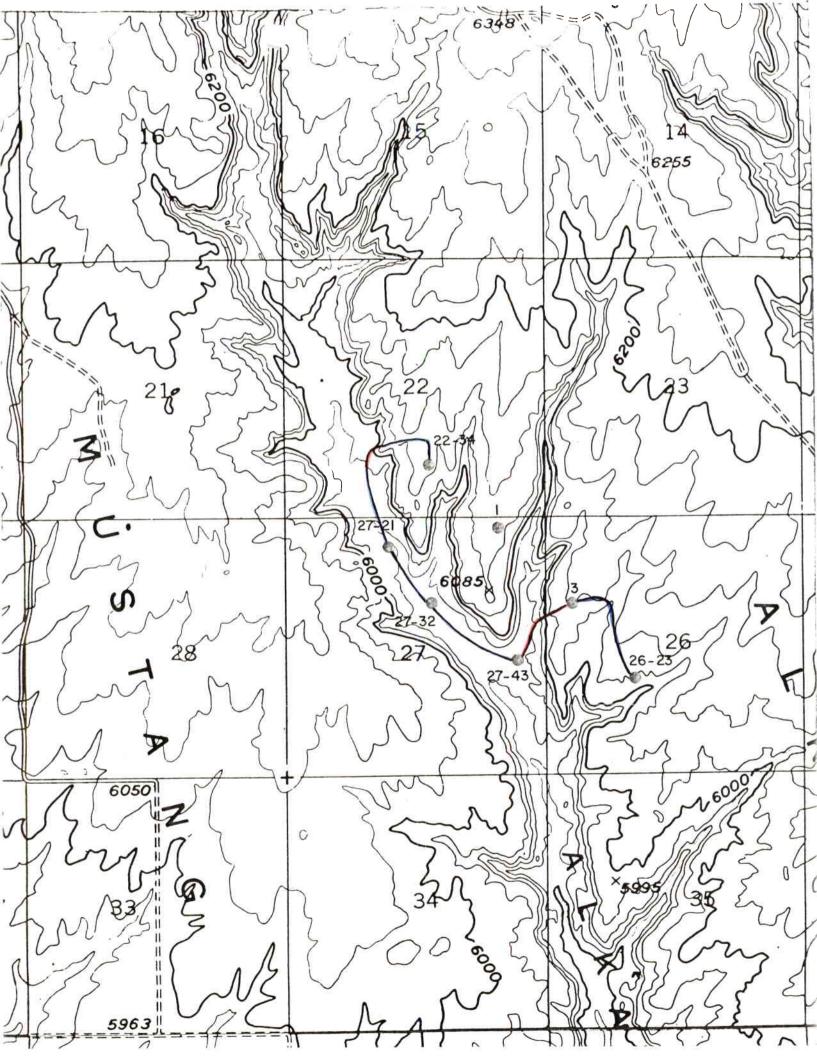
≅ 118,400 STBO

Gas:

GOR: 2000 to 1

 $\frac{118,400 (2000)}{1000} = 236,800 \text{ MCF} \cong 240,000$

SUNDRY NOTICES AND REPORTS ON WELLS (the not but this form typespell is the proposal to develop the late to a different Poterroid. (the not but this form typespell is to develop to develop the late to a different Poterroid. (the not but this form typespell is the proposal to the proposal to the late of	Nov	ember 1983) چیزی 9=ر331) DEPARTN BUREA	UNITO STATES MENT F THE INTERI U OF LAND MANAGEMENT	•	Form approved. Budget Bureau No. 1004-0135 Expires August 31, 1985 6. LEASE DESIGNATION AND SERIAL NO. 6. IF INDIAN, ALLOTTEE OR TRISE NAME
Mustang Texas Fastern Skyline 0:11 Company Assessed of Oreacrost Assessed		SUNDRY NOTI	ICES AND REPORTS C als to drill or to deepen or plug b tion for Permit—" for such pr	ON WELLS ach to a different reservoir. uposals.)	
Texas Eastern Skyline Oil Company Mustang Unit Name		ELL . WELL . OTHER			Mustang
1775 Sherman, Suite 1200, Denver, Colorado 80203 1772 Sherman, Suite 1200, Sherman,			N1 Company		
THE CONFIDENCE OF STATE SERVICE OF STATE CARNO SEC. 22, 26 & 27, 736S R22E, SIBSM 16. PERMIT NO. 16. IN SERVICE OF STATES SECTION TO: THEST WATER SECTION TO: THE WATER SECTION TO: SCALE TO: THE WATER SECTION TO: THE WATER SE	3. A	PORSES OF OPERATOR			9. WELL NO. 22-34, 26-23,
THE SEAST SECTION STATES AND STAT		ee also space 17 Delow.)	00, Denver, Colorado learly and in accordance with any	80203 State requirements.*	10. PIBLD AND POOL, OR WILDCAT Mustang Flat 11. SBC, T, B, M, OB BLE. AND SURVEY OR AREA Sec. 22, 26 & 27, T36S,
Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data **ROTICE OF INTERTION TO: **TEST WATES SEDT-OFF PILL OR ALTER CABING NULTIPLE COMPLETE **BROOT OR ACIDIES** **BROOT OR ACI	14. P	BRNIT NO.	18. BLEVATIONS (Show whether DP	, NT, OR, etc.)	
NOTICE OF INTERVIOUR TO: THENT WATER SECTORY: PRACTURE THEAT ANABON' SEPAIR WELL COMPANY CHANGE PLANE CHANGE PL			<u> </u>		San Juan Utah
TEST WATER SEUT-OFF PRACTURE TREAT SHOOT OR ACIDILES REPAIR WELL (Other) Texas Eastern Skyline Oil Company proposes to install and operate a produced gas gather and reinjection system in the Mustang Flat Field. The system will consist of wellhead compression and dehydration at wells 22-34, 27-21, 27-32 and 27-43 and wellhead dehydration at wells 22-34, 27-21, 27-32 and 27-43 and wellhead dehydration at wells be tied into the main gas pipeline by a 2" or 3" lateral. Those sections of the pipeline shown in blue will be buried. Those sections shown in red will be laid on the surface. A central, main injection compressor will be installed at the Mustang Unit #3. Two slug catchers at Mustang Unit #3 and one inline slug catcher at #27-43 will be installed. A 2" liquids pipeline will run from #3 to #27-43 to return liquids caught by the slug catcher and by the interestage liquid knockout on the compressor to treating and storage facilities at the #27-43 location. 18. 1 hereby certify that the foregoing is tope and correct SIGNED Main and the surface and correct SIGNED Main and storage facilities at the #27-43 location. TITLE Staff Engineer DATE Nov. 13, 1984 (This space for Federal or State office use)	16.	Check Ap	opropriate Box To Indicate N	lature of Notice, Report, or (Other Data
PRACTURE TREAT SHOOT ON ACIDIES ARAMODINE CHANGE PLANS (Other) (Cother) (Co		NOTICE OF INTER	TION TO:	BUBBRQ	UNKT REPORT OF:
17. Descript Proposed on Computers Organizations (Clearly state all pertinent details, and give pertinent dates, lockuding estimated date of starting as proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and some person and reinjection system in the Mustang Flat Field. The system will consist of wellhead compression and dehydration at wells 22-34, 27-21, 27-32 and 27-43 and wellhead dehydration at well 26-23. A 4" nominal gas pipeline will be laid as shown on the attached map. Each well will be tied into the main gas pipeline by a 2" or 3" lateral. Those sections of the pipeline shown in blue will be buried. Those sections shown in red will be laid on the surface. A central, main injection compressor will be installed at the Mustang Unit #3. Two slug catchers at Mustang Unit #3 and one inline slug catcher at #27-43 will be installed. A 2" liquids pipeline will run from #3 to #27-43 to return liquids caught by the slug catcher and by the interstage liquid knockout on the compressor to treating and storage facilities at the #27-43 location. 18. I hereby certify that the total place and correct shows for Federal or State office use) TITLE Staff Engineer DATE Nov. 13, 1984		PRACTURE TREAT BHOOT OR ACIDIZE REPAIR WELL	MULTIPLE COMPLETE	PRACTURE TREATMENT SHOOTING OR ACIDIZING (Other)	ABANDONMENT®
and reinjection system in the Mustang Flat Field. The system will consist of wellhead compression and dehydration at wells 22-34, 27-21, 27-32 and 27-43 and wellhead dehydration at well 26-23. A 4" nominal gas pipeline will be laid as shown on the attached map. Each well will be tied into the main gas pipeline by a 2" or 3" lateral. Those sections of the pipeline shown in blue will be buried. Those sections shown in red will be laid on the surface. A central, main injection compressor will be installed at the Mustang Unit #3. Two slug catchers at Mustang Unit #3 and one inline slug catcher at #27-43 will be installed. A 2" liquids pipeline will run from #3 to #27-43 to return liquids caught by the slug catcher and by the interstage liquid knockout on the compressor to treating and storage facilities at the #27-43 location. 18. I hereby certify that the forestage is type and correct BIGNED TITLE Staff Engineer DATE Nov. 13, 1984	17. D	ESCRIBE PROPOSED OR COMPLETED OPE proposed work. If well is direction nent to this work.) **	onally drilled, give subsurface local	t details, and give pertinent dates tions and measured and true vertic	, including estimated date of starting any al depths for all markers and zones perti-
DIV. OIL, GAS, MINING 18. I hereby certify that the foregoing is tope and correct SIGNED TITLE Staff Engineer Nov. 13, 1984 (This space for Federal or State office use)	1 1 2 1	and reinjection system compression and dehydration at well 26-23. A map. Each well will be sections of the pipeli will be laid on the suat the Mustang Unit #3 catcher at #27-43 will to return liquids caughters.	in the Mustang Flat ation at wells 22-34, 4" nominal gas pipel e tied into the main ne shown in blue will aface. A central, make two slug catchers be installed. A 2" that by the slug catchers at the slug catchers.	Field. The system w, 27-21, 27-32 and 27 line will be laid as gas pipeline by a 2" be buried. Those sain injection compres at Mustang Unit #3 a liquids pipeline willer and by the interst	ill consist of wellhead -43 and wellhead dehydra- shown on the attached or 3" lateral. Those ections shown in red sor will be installed nd one inline slug 1 run from #3 to #27-43 age liquid knockout on
DIV. OIL, GAS, MINING 18. I hereby certify that the foregoing is tope and correct SIGNED TITLE Staff Engineer Nov. 13, 1984 (This space for Federal or State office use)				•	AND CONTRACTOR OF THE PARTY OF
(This space for Federal or State office use)					
	18. 1	hereby certify that the foregoing is		taff Engineer	DATE Nov. 13, 1984
APPROVED BY DATE			ce use)		DATE

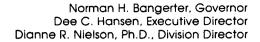


Form 3160-5 (November 1983) (Formerly 9-331)	UNITED S DEPARTMENT C BUREAU OF CAND	THE INTERIO	BUBMIT IN TRI (Other instruction) R verse side)	PLICAT®®	Budget Bureau 1 Expires August 6. Leass Designation U-23521	31, 1985	
SUN (I to not use thi	NDRY NOTICES AND form for proposals to drill or Use "APPLICATION FOR PE	D REPORTS O to deepen or plug ba RMIT—" for such pro-	N WELLS ch to a different reserv	olr.	6. IF INDIAN, ALLOTTER	UR TRIBE NA	M E
1.					7. UNIT AGREEMENT NA	# B	
WELL X GAS	OTHER				Mustang 8. FARM OR LEASE HAM		
TOTAL FORESTOR	ern Skyline Oil (omn ans					
1 ADDRESS OF OPERATO		Joinparry			Mustang Uni		
1775 Sherma	n, Suite 1200, I	Denver. Col	orado 80203		22-34		
4. LOCATION OF WELL (See also space 17 be	Report location clearly and in a	ecordance with any 8	tate requirements.		10. FIELD AND POOL, OR	WILDCAT	
At surface	10 w. /				Mustang Fla		
1076' FSL &	2414' FEL (SW S	SE) Sec. 22	, T36S, R23I	Ε	Sec. 22, T3 R23E, SLB &	6S,	
14. PERMIT NO.	15. BLEVATIO	Na (Show whether DF,	RT, GR, etc.)		12. COUNTY OF PARISH		
API #43-037	⁷ -30943 (OGL - 6130'			San Juan	Utah	ı
16.	Check Appropriate Bo	or To Indicate No	ture of Notice Re-	201 At O	that Data	<u> </u>	
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	[]	<u></u>			ì		
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17. DESCRIBE PROPOSED (proposed work. I nent to this work.)	OR COMPLETED OPERATIONS (Clear if well is directionally drilled, g	ly state all pertinent rive subsurface location	details, and give pertions and measured and	nent dates, i true vertical	including estimated date depths for all markers	of starting and sones pe	any erti-
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		OiL	DIVISION UF , GAS & MININ	IG			
81GNED	t the foregoing is true and corr		ff Engineer		_ DATE Nov.	21, 19	84
(This space for Fed	eral or State office use)	· ——					

DATE __

TITLE _

November 1983) Formerly 9-331)	EPART	JN'TED STAT MELOF THE U OF LAND MAN	INTERIOR		Expires Augu 6. LEASE DESIGNATIO	N AND BRIAL NO.
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. HAMB OF OPERATOR	_					-
Texas Eastern S	kyline (oil Company			Mustang Un	
ADDRESS OF OPERATOR		11 - 1200 Ba	Colo	wado 80203	1	, 27-32,27-4
1775 Sherman St LOCATION OF WELL (Repo See also space 17 below.) At surface	rt location c	lite 1200, De	nver, Colo	te requirements.*	Mustang Fl 11. anc., T. B., M., G SURVET OR AN Sec. 22, 26	, OR WILDCAT at B BLK. AND
14. PERMIT NO.		15. BLEVATIONS (She	ow whether DF, RT	, ca, etc.)	R23E, SLB&M 12. COUFTY OR PAR	Utah
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16.	Check A	opropriate Box To	Indicate Nat	ure of Notice, Report, o		
NOT	ICE OF INTER	TION TO:		808	anquant amport of:	
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PRACTURE TREAT		MULTIPLE COMPLETE		PRACTURE TREATMENT	ALTERING	<u> </u> [
SHOOT OR ACIDISE		ABANDON®	$\frac{1}{x}$	BHOOTING OR ACIDIZING	151,004	
REPAIR WELL (Other)		CHANGE PLANS		(Other)	ults of multiple completi	on on Well
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rexas Eastern	Skyline injectio	Oil Company pon system as approximate	proposes to	Completion or Rec letails, and give pertinent di is and measured and true ve	oupletion Report and Log ates, including estimated ertical depths for all mar oved produced go between	date of starting any kers and sones perti-
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Texas Eastern sqathering and 1. 2. 18. I hereby certify that the state of the sta	Skyline injection Install Nos. 1 Install Well 27 Delete	Oil Company pon system as approximate. & 27-32 to be 9' x 40' (a) 7-32 instead of flare stack	proposes to follows: ly 2000' of buried in prox.) ho of well No at Well #1	Completion or Receletalist and give pertinent dissand measured and true vento modify the appropriate of 2" liquids line in same trench as rizontal storage . 1.	atea, including estimated extical depths for all mar oved produced groved properties. between 4" pipeline. tank at RECEIVED APR 02 1985 DIVISION UF OR GAS & MINING	date of starting any kers and sones perti-





355 W. North Temple • 3 Triad Center • Suite 350 • Salt Lake City, UT 84180-1203 • 801-538-5340

October 4, 1985

Texas Eastern Skyline Oil Co. 1775 Sherman Street #1200 Denver, Colorado 80203-4315

Gentlemen:

Re: Well No. Mustang Unit 22-34 - Sec. 22, T. 36S., R. 23E., San Juan County, Utah - API #43-037-30943

According to our records a "Well Completion Report" filed with this office June 4, 1984 on the above referenced well indicates the following electric logs were run: Cement Bond Log. This office has not yet received these logs.

Please take care of this matter as soon as possible, but not later than October 18, 1985.

Your cooperation in this matter is appreciated.

Sincerely,

Pam Kenna

Well Records Specialist

Enclosure

cc: Dianne R. Nielson Ronald J. Firth

John R. Baza

File

01705/34

TEXAS **○** EASTERN

RECEIVED

Skyline Oil Company Oct 09 1985

A TEXAS EASTERN COMPANY

DIVISION UP UIL GAS & MINING

October 7, 1985

State of Utah Division of Oil, Gas, & Mining 355 W. North Temple, Suite 350 Salt Lake City, Utah 84180-1203

ATTN: Pam Kenna

Re: Mustang Unit #22-34 SW SE Sec. 22, T36S, R24E San Juan County, Utah

Dear Ms. Kenna:

In response to your letter dated October 4, 1985, enclosed please find two copies of the Cement Bond Log for the above-referenced well.

If you have any additional requirements for this well, please contact the undersigned.

Sincerely,

TEXAS EASTERN SKYLINE OIL COMPANY

Michael D. Anderson Engineering Manager

MDA:sdc Enclosure

ic: m. Huderson

Bureau of Land Management Branch of Fluid Minerals (U-922) 324 South State Street Salt Lake City, Utah 84111-2303

022404

February 6, 1987

Samedan Oil Corporation 1616 Glenarm Place Suite 2550 Denver, Colorado 80202

L. M. TURNER FEB . 9 1987

Land & Property Admin.

Re: Successor of Operator

Mustang Unit

San Juan County, Utah

Gentlemen: .

We received an indenture dated February 1, 1987, whereby Texas Eastern Skyline Oil Company resigned as Operator and Samedan Oil Corporation was designated as Operator for the Mustang Unit Agreement, San Juan County, Utah.

This indenture was executed by all required parties. The signatory parties have complied with Section 6 of the unit agreement. The instrument is hereby accepted effective as of February 6, 1987. Please advise all interested parties of the change in unit operator.

Sincerely,

(Orig. Sgd.) H.A. Lemm

Howard A. Lemm Chief, Branch of Fluid Minerals

Enclosure

cc: Texas Eastern Skyline Oil Company

AN REBIONIOS

Form 3160-5 (November 1983) (Formerly 9-331) DEPARTMEN OF TH BUREAU OF LAND MA	E INTERIC	BUBMIT IN TRIPLICATION (Other instruction) R verse side)	Budget Bureau No. 1004-0135 Expires August 31, 1985 5. LEASE DESIGNATION AND SPRIAL NO. U-23521
SUNDRY NOTICES AND R	0. IF IRDIAR, ALLOTTER OR TRIBE HAME		
I. OIL GAR OTHER			7. UNIT ADSESSED NAME Mustang
2. NAME OF OPERATOR			8. FARM OR LEASE HAME Mustang Unit
Texas Eastern Skyline Oil Compania.	iy		9. WELL NO.
1775 Sherman Street, Suite 1200,	Denver CO	80203	22-34
 LOCATION OF WELL (Report location clearly and in accord See also space 17 below.) At surface 			Mustang Flat (Ismay)
1076' FSL & 2414' FEL (SW SE) Se	ю. 22, Т36	6S, R23E	11. BBC, T, B, M, OR BLE. AND BURNEY OR ARBA Sec. 22, T36S, R23E, SLB&M
14. PERMIT NO. API #43-037-30943 16. BLEVATIONS (S. GL-6)	how whether DF, R	T, 08, etc.)	12. COUPTI OR PARISH 18. STATE San Juan Utah
16. Check Appropriate Box To	o Indicale Na	ture of Notice, Report, o	r Other Data
NOTICE OF INTENTION TO:	1	8031	EQUENT REPORT OF:
FRACTURE TREAT PULL OR ALTER CASI: MULTIPLE COMPLETE		WATER SHUT-OFF PRACTURE TREATMENT	REPAIRING WELL ALTERING CABING
SHOOT OR ACIDIZE ABANDON®		SHOOTING OR ACIDIZING	ABANDONMENT®
REPAIR WELL CHANGE PLANE (Other)		(Other) Notice of	Sale X
Texas Eastern Skyline Oil Compar property to Samedan Oil Corporat necessary paperwork, Samedan w	ion. Effec	tive upon receipt l	by the BLM of the
1616 Gle	n Oil Corpo enarm Placo , Colorado	e, Suite 2550	
At	tn: Gary	Brune	
			28 1837 ^{- 1} 4
•		2016 2010 - 2010	13 MINUS 13 MINUS 10 MOS
81GNED Michael D. Anderson	TITLE	Manager	DATE 2-2-87
(This space for Federal or State office use)			-
APPROVED BYCONDITIONS OF APPROVAL, IF ANY:	TITLE		DATE

FORM 9

STATE OF UTAH

DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING

	DIVISION OF OIL, GAS AND M	INING	5. LEASE DESIGNATION AND SERIAL NUMBER:
SUNDRY	Y NOTICES AND REPORT	S ON WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
Do not use this form for proposals to drift i	new wells, significantly deepen existing wells below cu	rrent bottom-hole depth, reenter plugged wells, or to	7. UNIT or CA AGREEMENT NAME:
drili horizontal I	aterals. Use APPLICATION FOR PERMIT TO DRILL	form for such proposals.	SEE ATTACHED
OIL WELL	GAS WELL OTHER_		8. WELL NAME and NUMBER: SEE ATTACHED
2. NAME OF OPERATOR:			9. API NUMBER:
NOBLE ENERGY, INC	3.		SEE ATTACHED
3. ADDRESS OF OPERATOR:	II - my	PHONE NUMBER:	10. FIELD AND POOL, OR WILDCAT:
2600 Northborougher 4. LOCATION OF WELL	Y Houston STATE TX ZIP	77067 281–876–6150	SEE ATTACHED
FOOTAGES AT SURFACE:	SEE ATTACHED LIST		COUNTY: San Juan
QTR/QTR, SECTION, TOWNSHIP, RAN	IGE, MERIDIAN:		STATE: UTAH
11. CHECK APP	ROPRIATE BOXES TO INDICAT	TE NATURE OF NOTICE, REPO	RT, OR OTHER DATA
TYPE OF SUBMISSION		TYPE OF ACTION	
NOTICE OF INTENT	ACIDIZE	DEEPEN	REPERFORATE CURRENT FORMATION
(Submit in Duplicate)	ALTER CASING	FRACTURE TREAT	SIDETRACK TO REPAIR WELL
Approximate date work will start:	CASING REPAIR	NEW CONSTRUCTION	TEMPORARILY ABANDON
	CHANGE TO PREVIOUS PLANS	OPERATOR CHANGE	TUBING REPAIR
	CHANGE TUBING	PLUG AND ABANDON	VENT OR FLARE
SUBSEQUENT REPORT	CHANGE WELL NAME	PLUG BACK	WATER DISPOSAL
(Submit Original Form Only)	CHANGE WELL STATUS	PRODUCTION (START/RESUME)	WATER SHUT-OFF
Date of work completion:	COMMINGLE PRODUCING FORMATIONS	RECLAMATION OF WELL SITE	OTHER:
	CONVERT WELL TYPE	RECOMPLETE - DIFFERENT FORMATION	United
12. DESCRIBE PROPOSED OR CO	MPLETED OPERATIONS. Clearly show all p	pertinent details including dates, depths, volume	es, etc.
	EFFECTIVE JANUARY 1,20		
FROM: SAMEDAN OI	L CORPORATION		
12600 Nort	hborugh, #250		
Houston, I	TX 77067		
$\left(\right)_{l}$	inia January		RECEIVED
Patricia	Jaenecke, Regulatory C.	lerk II	FEB 1 4 2003
			1 LD 1 7 2003
			DIV. OF OIL, GAS & MINING
NAME (PLEASE PRINT) Gary	Brune	тітLE <u>Asset Team</u>	Leader
SIGNATURE	Jfme _	DATE	2

(This space for State use only)

CT CORPORATION

January 8, 2003

Colleen McFadden Thompson & Knight 333 Clay Street, Suite 3300 Houston TX 77002-4499

Re:

Order #: 5762125 SO

Customer Reference 1: 060132.003224

Customer Reference 2:

Dear Colleen McFadden:

In response to your request regarding the above referenced order, your filing(s) has been completed as indicated below:

Noble Energy, Inc. (DE) Qualification Utah

Filing Date:

Fax #832-397-8109

If you have any questions concerning this order, please contact:

Jayna C Nickell

Houston Corporate Team 2

Phone: (713) 759-0729

Email: Jayna_Nickell@cch-lis.com

Thank you for this opportunity to be of service.

50 West Broadway, 8th Floor Salt Lake City, UT 84101 Tel. 801 364 5101 Fax 801 359 0388

The second control of the second control of

CT CORPORATION

Sincerely, Ms. Deanette Widmer Special Assistant Secretary

Utah CT Representative 2 C T Corporation System (Utah)

50 West Broadway, 8th Floor Salt Lake City, UT 84101 Tal. 801 364 5101 Fax 801 359 0388



\$125.00	C
EXPEDIT	F

Life Lymper:	
Check Here If:	Non-Refundable Fee: \$50.00
[] Noobsage	\$20.00

			2.00 II	Piote		
		EXPE	DITE			5
Application	n for Authority to C	onduct Aj	fairs for a Fore	ign Corpord	rtion 💆	07 2003
	Not	le Energy.	Inc.			0
		Exact Corporate N	ame.		<u>u</u>	Ā
. A corporation of the sta	mof Delaware incomb	ated 29 day	of December 1969		25	
. The compositions region	of duration is perpetual		(usually perpenual).			
The address of the corp	oration's principal office it:			*	77067	
350 Glencoroug	Drive, Suite 100	Houston		Texa <i>s</i>	Žip	_
Street Address		CiA	Bank One Tower, 8th		-7	
4. The Registrand Agent is	Unhis C T Corporatio	n System	50 West Broadwa	y		
The street address of the 50 West Broadwa	registered office in Utah is:		Sait Lake City, Utah 8	4101		_
Street Address		رانک		,	qis	
C T Corporati	on System	as a registered ag	periorate sports and the	foreign corporation.		
Simutore of Registered	Pers (Recovired)	Towned_	Vols. Asst. So	retery		
5. The business purposes to	Acus (Required) nee charte	the Gas Con	pany			
						_
6. The corporation courses	seed or intends to commence busin	ess in Can on:	ACCOUNTET DAY TOOK			
	es of the corporation's officers and	Glaciolis ale:	ୟବ	State	Zip	
Neae President See Attached						_
Vice-President						_
Carrier						_
Transec						
December						~
Dimene			.,. 			
Discour						_
8. A certification of Good	Standing/Existence from the State	of Incorporation	dated to extitet than mixely	(90) days prior to fili	NZ .	
with this office is attack	ted to this application.					
9. If the name is not avails	ble in Utah the corporation shall u	×		· · · · · · · · · · · · · · · · · · ·		
(Please refer to (U.C.A.						
Linder canalties of testiary. I	decisee that this application for Ca	rtificate of Author	thy has been examined by n	us and is, up the best	र्ज गापु	
knowledge and belief, mus or	crect and complete.					
(d) 0 - 107	7	TON TO CAN	ior VP and Secret	ary DATE	12/23/02	
BA: TANATA	Chiparate fiftices	111 LB: <u>364</u>	TANK OF BUILDING			
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	FREE! You may visit our Wel	Site to access t	nis questificat sur defet m	Manager.		
> 20 C	Mail In: S.M. Box 146705	·				
Date: Plege Amou	Salt Lake City, UT	B4114-6705				
3 · 5	Walk In: 160 Fast 300 South	Main Floor	ļ			
Date: Aegelpt Numb Amount Pald:	Corporation's Information Co	nter: (801) 5304	18 49			
* 8	Tell Free Number: (877) 526-3	3994 (Utah Resid	ens)			
# # B	Fax: (801) 530-6438		1			
Date: Regelpt Number: 762634 Amount Padd: \$450.01	Web Site: http://www.commerc					
20 20 ₹ 30						
1762634 258.00772200 commonitions/tiens/ti						

ATTACHMENT TO APPLICATION FOR AUTHORITY TO CONDUCT AFFAIRS FOR A FOREIGN CORPORATION IN UTAH FOR NOBLE ENERGY, INC.

7. The names and addresses of the corporation's officers and directors are:

Name	Office/Title	Mailing Address
Michael A. Cawley	Director	350 Glenborough Drive, Suite 100 Houston, TX 77067
Edward F. Cox	Director	350 Glenborough Drive, Suite 100 Houston, TX 77067
James C. Day	Director	350 Glenborough Drive, Suite 100 Houston, TX 77067
Charles D. Davidson	Director	350 Glenborough Drive, Suite 100 Houston, TX 77067
Dale P. Jones	Director	350 Glenborough Drive, Suite 100 Houston, TX 77067
Bruce A. Smith	Director	350 Glenborough Drive, Suite 100 Houston, TX 77067
Kirby L. Hedrick	Director	350 Glenborough Drive, Suite 100 Houston, TX 77067
Charles D. Davidson	Chairman of the Board, President and CEO	350 Glenborough Drive, Suite 100 Houston, TX 77067
Susan M. Cunningham	Senior VP	350 Glenborough Drive, Suite 100 Houston, TX 77067
Albert D. Hoppe	Senior VP and Secretary	350 Glenborough Drive, Suite 100 Houston, TX 77067
James L. McElvany	Senior VP, CFO and Treasurer	350 Glenborough Drive, Suite 100 Houston, TX 77067
William A. Poillion, Jr.	Senior VP	350 Glenborough Drive, Suite 100 Houston, TX 77067
Robert K. Burleson	V Þ	350 Glenborough Drive, Suite 100 Houston, TX 77067

060132 003224 HOUSTON 239703.1

Name	Office/Title	Mailing Address
Alan R. Bullington	VP	350 Glenborough Drive, Suite 100 Houston, TX 77067
Richard A. Poneguy, Jr.	VP	350 Glenbarough Drive, Suite 100 Houston, TX 77067
Ted A. Price	VP	350 Glenborough Drive, Suite 100 Houston, TX 77067
David L. Stover	VP	350 Glenborough Drive, Suite 100 Houston, TX 77067
Kenneth P. Wiley	VP .	350 Glenborough Drive, Suite 100 Houston, TX 77067
Arnold J. Johnson	Assistant Secretary	350 Glenborough Drive, Suite 100 Houston, TX 77067
Kirk A. Moore	Assistant Secretary	350 Glenborough Drive, Suite 100 Houston, TX 77067
William R. McKown	Assistant Treasurer	350 Glenborough Drive, Suite 100 Houston, TX 77067

<u>Delaware</u> The First State

I, HARRIET SMITH WINDSOR, SECRETARY OF STATE OF THE STATE OF DELAMARE, DO HEREBY CERTIFY "MOBILE EMERGY, INC." IS DULY INCORPORATED UNDER THE LAWS OF THE STATE OF DELAWARE AND IS IN GOOD STANDING AND HAS A LEGAL CORPORATE EXISTENCE SO FAR AS THE RECORDS OF THIS OFFICE SHOW, AS OF THE SIXTH DAY OF JANUARY, A.D. 2003.

AND I DO HEREBY FURTHER CERTIFY THAT THE SAID *NOBLE ENERGY, INC. " WAS INCORPORATED ON THE TWENTY-NINTH DAY OF DECEMBER, A.D. 1969.

AND I DO HEREBY FURTHER CERTIFY THAT THE ANNUAL REPORTS HAVE BEEN FILED TO DATE.

AND I DO HEREBY FURTHER CERTIFY THAT THE FRANCHISE TAXES HAVE BEEN PAID TO DATE.

0738126 8300

030006092

AUTHENTICATION: 2186055

DATE: 01-06-03

STATE OF UTAH DEPARTMENT OF COMMERCE REGISTRATION

NOBLE ENERGY, INC.

EFFECTIVE 01/07/2003 EXPIRATION

REFERENCE NUMBER(S), CLASSIFICATION(S) & DETAIL(S)

Corporation - Foreign - Profit 5250317-0143

CT CORPORATION SYSTEM NOBLE ENERGY, INC. 50 W BROADWAY 8TH FL SLC UT 84101-2006

STATE OF UTAH DEPARTMENT OF COMMERCE DIVISION OF CORPORATIONS & COMMERCIAL CODE

REGISTRATION

EFFECTIVE DATE:

01/07/2003

EXPIRATION DATE:

*RENEWAL

ISSUED TO:

NOBLE ENERGY, INC.



REFERENCE NUMBER(S), CLASSIFICATION(S) & DETAIL(S)

5250317-0143 Corporation - Foreign - Profit

*RENEWAL

You will need to renew your registration each anniversary date of the effective date. Exceptions: DBAs and Business Trusts renew every three (3) years from the effective date.



The First State

I, HARRIET SMITH WINDSOR, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY THE ATTACHED IS A TRUE AND CORRECT COPY OF THE CERTIFICATE OF OWNERSHIP, WHICH MERGES:

"SAMEDAN OIL CORPORATION", A DELAWARE CORPORATION,

WITH AND INTO "NOBLE ENERGY, INC." UNDER THE NAME OF "NOBLE ENERGY, INC.", A CORPORATION ORGANIZED AND EXISTING UNDER THE LAWS OF THE STATE OF DELAWARE, AS RECEIVED AND FILED IN THIS OFFICE THE TWENTIETH DAY OF DECEMBER, A.D. 2002, AT 4 O'CLOCK P.M.

AND I DO HEREBY FURTHER CERTIFY THAT THE EFFECTIVE DATE OF THE AFORESAID CERTIFICATE OF OWNERSHIP IS THE THIRTY-FIRST DAY OF DECEMBER, A.D. 2002, AT 11:59 O'CLOCK P.M.



Harriet Smith Windsor, Secretary of State

AUTHENTICATION: 2171416

DATE: 12-26-02

0738126 8100M

and

从最低,是整体的环境,是是是一个人的,这个人,这一个人的,这个人的,也是一个人的,我们就是一个人的,也是一个人的,也是一个人的,也是一个人的,也是一个人的,也是一个人的,也不是一个人的,也是一个一个人的,也是一个人的,也是一个人的,也是一个人的,也是一个人的,也是一个人的,也是一个人的,也是一个人的,也是一个人的,也是一个人的,也是一个人的,也是一

CERTIFICATE OF OWNERSHIP AND MERGER

of

SAMEDAN OIL CORPORATION (a Delaware corporation)

with and into

NOBLE ENERGY, INC. (a Delaware corporation)

(UNDER SECTION 253 OF THE GENERAL CORPORATION LAW OF THE STATE OF DELAWARE)

NOBLE ENERGY, INC., a Delaware corporation, hereby certifies that:

- (1) The name and state of incorporation or formation of each of the constituent corporations are:
 - (a) Samedan Oil Corporation, a Delaware corporation("Samedan");
 - (b) Noble Energy, Inc., a Delaware corporation ("Noble").
- (2) Noble owns 100% of the issued and outstanding shares of the capital stock of Samedan.
 - (3) Noble shall be the surviving entity in the merger.
- (4) Pursuant to Section 253 of the General Corporation Law of the State of Delaware, the Board of Directors of Noble adopted resolutions, by unanimous written consent, authorizing the merger of Samedan with and into Noble. A copy of such resolutions, adopted by the Board of Directors of Noble as of December 10, 2002, is attached hereto as Exhibit A.
- (5) The Certificate of Incorporation of Noble shall be the Certificate of Incorporation of the surviving corporation.
- (6) The effective date of the merger shall be as of 11:59 p.m. EST, on December 31, 2002.
- (7) Anything herein or elsewhere to the contrary notwithstanding, this merger may be abandoned by the Board of Directors of Noble at any time prior to the date of filing the merger with the Secretary of State.

- 111 CUARCHA, IU

IN WITNESS WHEREOF, Noble has caused this certificate to be signed by the undersigned on the 17th day of December, 2002.

NOBLE ENERGY, INC., the surviving corporation

ву:

Charles D. Davidson

President

060132 003224 HOUSTON 236763.2

1

THOMPSON & KNIGHT

DEC: 50: 5005 11:29 PM

EXHIBIT A

Relating to the Merger of Samedan Oil Corporation with and into Noble Energy, Inc.

WHEREAS, Samedan Oil Corporation, a Delaware corporation ("Samedan"), is a wholly-owned, direct subsidiary of Noble Energy, Inc., a Delaware corporation ("Noble"); and

WHEREAS, the Board of Directors of Noble (the "Board") has determined, in its best business judgment, that it would be in the best interest of Noble to merge Samedan with and into Noble (the "Merger"); and

WHEREAS, Noble would be the surviving entity in the Merger; and

WHEREAS, for federal income tax purposes, the parties intend that the Merger qualify as a reorganization within the meaning of Section 368(a) of the Internal Revenue Code of 1986, as amended (the "Code"), and/or as a tax-free liquidation under Section 332 of the Code;

NOW, THEREFORE, BE IT RESOLVED, that the Board of Noble hereby approves the Merger; and further

RESOLVED, that Samedan shall be merged with and into Noble pursuant to the provisions of Section 253 of the Delaware General Corporation Law (the "DGCL"), and Noble shall be the surviving entity of the Merger; and further

RESOLVED, that in accordance with the DGCL, at midnight on December 31, 2002 (the "Effective Time"):

- (a) the separate existence of Samedan shall cease;
- (b) Noble and Samedan shall then and thereafter together comprise a single entity, which shall be Noble;
- (c) title to all real estate and other property and rights owned by Samedan shall be deemed to be owned by, and vested in, Noble without reversion or impairment; and
- (d) Noble shall assume all liabilities and obligations of Samedan; and further

RESOLVED, that at the Effective Time, each issued and outstanding share of the common stock, par value \$10.00 per share, of Samedan shall, by virtue of the Merger, be immediately cancelled and retired with no consideration to be paid therefor and all certificates representing such interests shall be cancelled; and further

060132 003224 HOUSTON 236763.2

RESOLVED, that after the Effective Time, each outstanding share of the common stock, par value \$3.333 per share, of Noble shall remain issued and outstanding; and further

RESOLVED, that the Board of Directors of Noble will serve as the Board of Directors of the surviving entity, and the Bylaws and Certificate of Incorporation of Noble shall serve as the Bylaws and Certificate of Incorporation of the surviving entity; and further

RESOLVED, that the proper officers of Noble are hereby authorized and empowered to take or cause to be taken all such further lawful action and to sign, execute, acknowledge, certify, deliver, accept, record and file all such further instruments in the name and on behalf of Noble as in their judgment shall be necessary, desirable or advisable in order to carry out the intent, and to accomplish the purposes, of the foregoing resolutions pursuant to the applicable provisions of the DGCL; and further

RESOLVED, that all lawful actions heretofore taken by the officers, counsel or representatives of Noble in connection with the subject of the foregoing resolutions be, and each hereby is, approved, ratified and confirmed in all respects as the act and deed of Noble.

060132 003224 HOUSTON 236763.2



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office P.O. Box 45155 Salt Lake City, UT 84145-0155

In Reply Refer To: 3106 (UT-924)

March 20, 2003

Memorandum

To:

Moab Field Office

From:

Chief, Branch of Minerals Adjudication

Subject:

Merger Change Approval

Attached is an approved copy of the merger change, which is recognized by the Utah State Office. We have updated our records to reflect:

The merger change from Samedan Oil Corporation into Noble Energy Inc. is effective January 10, 2003. The BLM Bond Number is NM0484.

Chief, Branch of Minerals Adjudication

Enclosure

- 1. New Mexico State Office Letter (3 pp)
- 2. List of leases (1 p)

cc: MMS, Reference Data Branch, MS3130, PO Box 5860, Denver CO 80217

State of Utah, DOGM, Attn: Jim Thompson (Ste. 1210), Box 145801, SLC UT 84114

Teresa Thompson (UT-922)

Joe Incardine (UT-921)

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MAR 2 4 2003



United States Department of the Interior

Bureau of Land Management

New Mexico State Office 1474 Rodeo Road P.O. Box 27115 Santa Fe, New Mexico 87502-0115 www.nm.blm.gov January 14, 2003

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MAR 2 4 2003

IN REPLY REFER TO: 3104 (NM930MSena) **NM 0484** NMLC 0 45701

DIV. OF OIL, GAS & MINING

DECISION

Principal:

Noble Energy, Inc.

350 Glenborough Dr., #100

Houston, TX 77067-3299

Surety:

Safeco Insurance Company

of America Safeco Plaza

Seattle, WA 98185

BLM Bond No.: NM 0484

Surety Bond No.: 4149383

Bond Type: Oil and Gas

Amount of Bond: \$150,000.00

Execution Date: October 7, 1980

Merger Recognized Rider Accepted

On January 10, 2003, this office received evidence concerning the merger of Samedan Oil Corporation, a Delaware corporation, into Noble Energy, Inc., a Delaware corporation, effective December 20, 2002,, the date the Secretary of State of the State of Delaware certified the merger.

A bond rider consents to change the principal from Samedan Oil Corporation to Noble Energy, Inc. It is accepted effective January 10, 2003, the date received.

Attached is a listing of leases obtained from our automated system. We have not abstracted the files to determine if the entity affected by the merger holds an interest in the leases identified nor have we attempted to identify leases where the entity is the operator on the ground maintaining neither record title nor operating rights interests. If our field offices require documentation for a change of operator, they will contact you.



PAGE 1

The First State

I, HARRIET SMITH WINDSOR, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY THE ATTACHED IS A TRUE AND CORRECT COPY OF THE CERTIFICATE OF OWNERSHIP, WHICH MERGES:

"SAMEDAN OIL CORPORATION", A DELAWARE CORPORATION,

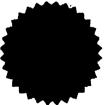
WITH AND INTO "NOBLE ENERGY, INC." UNDER THE NAME OF "NOBLE ENERGY, INC.", A CORPORATION ORGANIZED AND EXISTING UNDER THE LAWS OF THE STATE OF DELAWARE, AS RECEIVED AND FILED IN THIS OFFICE THE TWENTIETH DAY OF DECEMBER, A.D. 2002, AT 4 O'CLOCK P.M.

AND I DO HEREBY PURTHER CERTIFY THAT THE EFFECTIVE DATE OF THE AFORESAID CERTIFICATE OF OWNERSHIP IS THE THIRTY-FIRST DAY OF DECEMBER, A.D. 2002, AT 11:59 O'CLOCK P.M.

RECEIVED

MAR 2 4 2003

DIV OF OHL GAS & MINING



Darriet Smith Hindson Harrier Smith Windson

0738126 8100M

AUTHENTICATION: 2171147

020798832

DATE: 12-26-02

STATE IN STATE OF

United States Department of the Interior

Bureau of Land Management

New Mexico State Office 1474 Rodeo Road P.O. Box 27115 Santa Fe, New Mexico 87502-0115 www.nm.blm.gov January 14, 2003

IN REPLY REFER TO: 3104 (NM930MSena) NM 0484

DECISION

Principal:

Noble Energy, Inc. : BLM Bond No.: NM 0484

350 Glenborough Dr., #100

Houston, TX 77067-3299 : Surety Bond No.: 4149383

:

Bond Type: Oil and Gas

Surety:

Safeco Insurance Company : Amount of Bond: \$150,000.00

of America

Safeco Plaza : Execution Date: October 7, 1980

Seattle, WA 98185

Merger Recognized Rider Accepted

On January 10, 2003, this office received evidence concerning the merger of Samedan Oil Corporation, a Delaware corporation, into **Noble Energy, Inc.**, a Delaware corporation, effective December 20, 2002,, the date the Secretary of State of the State of Delaware certified the merger.

A bond rider consents to change the principal from Samedan Oil Corporation to Noble Energy, Inc. It is accepted effective January 10, 2003, the date received.

Attached is a listing of leases obtained from our automated system. We have not abstracted the files to determine if the entity affected by the merger holds an interest in the leases identified nor have we attempted to identify leases where the entity is the operator on the ground maintaining neither record title nor operating rights interests. If our field offices require documentation for a change of operator, they will contact you.

BM bond number NM2585, issued by Safeco Insurance Company of America, number 5779477, is released.

BLM bond number NM2697 issued by Safeco Insurance Company of America, number 5895053, is released.

BLM bond number NM1483 issued by American Employers Insurance Company, unnumbered, is released.

The Bureau of Land Management has no record of bond number 5895055, 5779460 or 2063849. Therefore, we are unable to release these bonds.

Margo C. Sena Land Law Examiner

Cc: American Employers Insurance Co.
All BLM State Offices
MMS – Data Management Div. MS 3113
P. O. Box 5860
Denver, Co 80217

OPERATOR CHANGE WORKSHEET

ROUTING		
1. GLH /		
2. CDW		
3. FILE		

Change of Operator (Well Sold)

4. Is the new operator registered in the State of Utah:

Designation of Agent/Operator

X Operator Name Change

Merger

The operator of the well(s) listed below has changed,	effective:	01-01-03				
FROM: (Old Operator):		TO: (New On	perator):			
SAMEDAN OIL CORPORATION		NOBLE ENERGY INC				
Address: 12600 NORTHBORUGH STE 250	1	Address: 12600	NORTHB	ORUGH ST	E 250	
]					
HOUSTON, TX 77067	HOUSTON, TX 77067					
Phone: 1-(281)-876-6150	Phone: 1-(281)-876-6150			•		
Account No. N0185		Account No.	N2345			
CA No.		Unit:	MUSTAN	G		
WELL(S)						,
	SEC TWN	API NO	ENTITY	LEASE	WELL	
NAME	RNG		NO	TYPE	TYPE	STATUS
MUSTANG UNIT 22-34		43-037-30943		FEDERAL		P
MUSTANG UNIT 26-33		43-037-31086		FEDERAL		S
MUSTANG UNIT 26-23		43-037-31024	1	FEDERAL		P
MUSTANG UNIT 3		43-037-30894		FEDERAL		P
MUSTANG UNIT 1		43-037-30776		FEDERAL		S
MUSTANG UNIT 27-32		43-037-31025		FEDERAL		P
MUSTANG UNIT 27-21	27-36S-23E	43-037-31030	10774	FEDERAL	OW	P
MUSTANG UNIT 27-42	27-36S-23E	43-037-31325	10774	FEDERAL	OW	P
			ļ			
			ļ	ļ		
				ļ		ļ
				<u> </u>		
	<u> </u>					<u> </u>
OPERATOR CHANGES DOCUMENTATION Enter date after each listed item is completed						
1. (R649-8-10) Sundry or legal documentation was received from the FORMER operator on: 02/14/2003						
2. (R649-8-10) Sundry or legal documentation was received	from the NEW	V operator on:	02/14/2003	3		
3. The new company has been checked through the Departm	ent of Comm	erce, Division o	of Corpora	tions Datab	ase on:	03/28/2003

YES

Business Number:

5250317-0143

5. If NO, the operator was contacted on:
6. (R649-9-2)Waste Management Plan has been received on:
7. Federal and Indian Lease Wells: The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: 03/20/2003
8. Federal and Indian Units: The BLM or BIA has approved the successor of unit operator for wells listed on: N/A
9. Federal and Indian Communization Agreements ("CA"): The BLM or BIA has approved the operator for all wells listed within a CA on: N/A
10. Underground Injection Control ("UIC") The Division has approved UIC Form 5, Transfer of Authority to Inject, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: N/A
DATA ENTRY: 1. Changes entered in the Oil and Gas Database on: 03/28/2003
2. Changes have been entered on the Monthly Operator Change Spread Sheet on: 03/28/2003
3. Bond information entered in RBDMS on: N/A
4. Fee wells attached to bond in RBDMS on: N/A
STATE WELL(S) BOND VERIFICATION: 1. State well(s) covered by Bond Number: N/A
FEDERAL WELL(S) BOND VERIFICATION: 1. Federal well(s) covered by Bond Number: NM 0484
INDIAN WELL(S) BOND VERIFICATION: 1. Indian well(s) covered by Bond Number: N/A
FEE WELL(S) BOND VERIFICATION:
1. (R649-3-1) The NEW operator of any fee well(s) listed covered by Bond Number N/A
2. The FORMER operator has requested a release of liability from their bond on: The Division sent response by letter on: N/A
LEASE INTEREST OWNER NOTIFICATION: 3. (R649-2-10) The FORMER operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: N/A
COMMENTS:

,

.

FORM 9

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL CAS AND MINING

DIVISION OF OIL, GAS AND MINING	5. LEASE DESIGNATION AND SERIAL NUMBER:
SUNDRY NOTICES AND REPORTS ON WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	7. UNIT OF CA AGREEMENT NAME: SEE ATTACHED
1. TYPE OF WELL OIL WELL GAS WELL OTHER	8. WELL NAME and NUMBER: SEE ATTACHED
D. J. Simmons, Inc. N2520	9. API NUMBER: ATTACHED
3. ADDRESS OF OPERATOR: 1009 Ridgeway Pl. Stery 200 Farmington, NM 87401 PHONE NUMBER: 505-326-375	10. FIELD AND POOL, OR WILDCAT: SEE ATTACHED
4. LOCATION OF WELL, FOOTAGES AT SURFACE: SEE ATTACHED LIST	COUNTY: SAN JUAN
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:	STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPO	RT, OR OTHER DATA
TYPE OF SUBMISSION TYPE OF ACTION	
NOTICE OF INTENT	REPERFORATE CURRENT FORMATION
(Submit in Duplicate)	SIDETRACK TO REPAIR WELL
Approximate date work will start: CASING REPAIR NEW CONSTRUCTION	TEMPORARILY ABANDON
CHANGE TO PREVIOUS PLANS OPERATOR CHANGE	TUBING REPAIR
CHANGE TUBING PLUG AND ABANDON	VENT OR FLARE
SUBSEQUENT REPORT (Submit Original Form Only) CHANGE WELL NAME PLUG BACK	WATER DISPOSAL
Date of work completion: CHANGE WELL STATUS PRODUCTION (START/RESUME)	WATER SHUT-OFF
COMMINGLE PRODUCING FORMATIONS RECLAMATION OF WELL SITE	OTHER:
CONVERT WELL TYPE RECOMPLETE - DIFFERENT FORMATION	
DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volume CHANGE OF OPERATOR EFFECTIVE DATE OF TRANSFER: 5 1 63	es, etc.
FROM; NOBLE ENERGY, INC. TO: <u>D. J. Simmons, Inc.</u>	
40000 Newton amount Outs 000) ()
No. included in the second of	-
(281) 872-3100 Fairlington, NM 8/401	
NAME (PLEASE PRINT) Gary C. Goldsmith	In Foot

(This space for State use only)

RECEIVED

AUG 14 2833 18 50-59

STATE OF UTAH

	DEDARTMENT OF MATURAL PEROL	IDOEO	r ORIVI 9		
DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING		5. LEASE DESIGNATION AND SERIAL NUMBER:			
SUNDRY NOTICES AND REPORTS ON WELLS			6. IF INDIAN, ALLOTTEE OR TRIBE NAME:		
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		7. UNIT OF CA AGREEMENT NAME: SEE ATTACHED			
1. TYPE OF WELL OIL WELL	GAS WELL OTHER		8. WELL NAME and NUMBER: SEE ATTACHED		
2. NAME OF OPERATOR: NOBLE ENERGY, INC. ((Farmer Opera	tor) N2345	9. API NUMBER: ATTACHED		
	, Houston STATE TX Z	PHONE NUMBER:	10. FIELD AND POOL, OR WILDCAT: SEE ATTACHED		
4. LOCATION OF WELL FOOTAGES AT SURFACE:	SEE ATTACHED LIST	•	COUNTY: SAN JUAN		
QTR/QTR, SECTION, TOWNSHIP, RANG	GE, MERIDIAN:		STATE: UTAH		
11. CHECK APPR	ROPRIATE BOXES TO INDICA	TE NATURE OF NOTICE, REPO	RT, OR OTHER DATA		
TYPE OF SUBMISSION		TYPE OF ACTION			
NOTICE OF INTENT	ACIDIZE	DEEPEN	REPERFORATE CURRENT FORMATION		
(Submit in Duplicate)	ALTER CASING	FRACTURE TREAT	SIDETRACK TO REPAIR WELL		
Approximate date work will start:	CASING REPAIR	NEW CONSTRUCTION	TEMPORARILY ABANDON		
	CHANGE TO PREVIOUS PLANS	OPERATOR CHANGE	TUBING REPAIR		
	CHANGE TUBING	PLUG AND ABANDON	VENT OR FLARE		
SUBSEQUENT REPORT	CHANGE WELL NAME	PLUG BACK	WATER DISPOSAL		
(Submit Original Form Only)	CHANGE WELL STATUS	PRODUCTION (START/RESUME)	☐ WATER SHUT-OFF		
Date of work completion:	COMMINGLE PRODUCING FORMATIONS	=	OTHER:		
	CONVERT WELL TYPE	RECOMPLETE - DIFFERENT FORMATION			
12. DESCRIBE PROPOSED OR CO	MPLETED OPERATIONS. Clearly show all	pertinent details including dates, depths, volum	es, etc.		
CHANGE OF OPERATOR	₹				
EFFECTIVE DATE OF TR	ANSFER: 8/1/03				
		D. J. Simmons, Inc.			
FROM: NOBLE ENERG		1009 Ridgeway Pl. Ste. 20	0		
12600 Northbord Houston, TX 77	3 .	Farmington, NM 87401			
(281) 872-3100					
			يعاد ديو و وسند ديد در ديد		
			COCEIVED		
			AUG 1 4 2003		
			JA CAL GAS & HANING		
Gary Brune	Α	Asset Team Lea	der -		

(This space for State use only)

DATE _

WELL NAME	<u>API NUMBER</u>	LOCATION	WELL TYPE	<u>STATUS</u>	LEASE TYPE
MUSTANG UNIT 26-33	4303731086	36S 23E 26	ow	S	F
MUSTANG U 1	4303730776	36S 23E 27	GW	Р	F
MUSTANG UNIT 3	4303730894	36S 23E 26	GW	Р	F
MUSTANG UNIT 22-34	4303730943	36S 23E 22	OW	Р	F
MUSTANG UNIT 26-23	4303731024	36S 23E 26	OW	Р	F
MUSTANG UNIT 27-32	4303731025	36S 23E 27	ow	Р	F
MUSTANG UNIT 27-21	4303731030	36S 23E 27	OW	Р	F
MUSTANG UNIT 27-42	4303731325	36S 23E 27	OW	Р	F
WILD STALLION UNIT 1	4303731426	36S 23E 33	GW	Р	F
MUSTANG U 1	4303730776	36S 23E 27	GW-	<u> </u>	
BONITO 41-6-85	4303731824	38S 25E 06	OW	Р	F

OPERATOR CHANGE WORKSHEET

ROUTING			
1. GLH			
2. CDW			
3. FILE			

X Change of Operator (Well Sold)

Is the new operator registered in the State of Utah:

Designation of Agent/Operator

Operator Name Change

Merger

The operator of the well(s) listed below has changed, effective:				8/1/2003			
FROM: (Old Operator):				perator):			
			,				
			Farmington, NM 87401				
			Phone: 1-(505) 326-3752				
			Unit:	<u> </u>	*** See E	BELOW**	*
	·						
SEC	TWN	RNG	API NO			1	WELL
			ļ	NO	TYPE	TYPE	STATUS
	10.00	I	Links	1 12112	I	Taur	T.
			<u> </u>				P
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							P
							S
26			4				P
22	360S	230E	4303730943	10774	Federal	low	P
	<u> </u>	l		1			
33	360S	230E	4303731426	10888	Federal	GW	P
			·	Т	I	T	1
	<u> </u>			 			
06	380S	250E	4303731824	13517	Federal	OW	P
				 		 	
					<u></u>		<u> </u>
			+				
			•				
	27 27 26 26 27 27 26 22 22 33	27 360S 27 360S 26 360S 26 360S 27 360S 27 360S 26 360S 22 360S 33 360S	27 360S 230E 27 360S 230E 26 360S 230E 26 360S 230E 27 360S 230E 27 360S 230E 27 360S 230E 26 360S 230E 22 360S 230E 23 360S 230E	1009 Ridgewa Farmington, N Phone: 1-(505 Unit: SEC TWN RNG API NO 27 360S 230E 4303730776 27 360S 230E 4303731030 26 360S 230E 4303731024 26 360S 230E 4303731026 27 360S 230E 4303731025 27 360S 230E 4303731025 27 360S 230E 4303730894 22 360S 230E 4303730943 33 360S 230E 4303730943	1009 Ridgeway Pl. Ste. 20 Farmington, NM 87401 Phone: 1-(505) 326-3752 Unit: SEC TWN RNG API NO ENTITY NO 27 360S 230E 4303730776 12112 27 360S 230E 4303731030 10774 26 360S 230E 4303731024 10774 26 360S 230E 4303731086 6505 27 360S 230E 4303731325 10774 27 360S 230E 4303731025 10774 28 360S 230E 4303730894 10774 29 360S 230E 4303730943 10774 20 360S 230E 4303730943 10774	Phone: 1-(505) 326-3752	1009 Ridgeway Pl. Ste. 200 Farmington, NM 87401 Phone: 1-(505) 326-3752 **** See BELOW** SEC TWN RNG

YES Business Number:

1231074-0143

5.	If NO, the operator was contacted contacted on:	_	• • •	
6.	(R649-9-2)Waste Management Plan has been received on:	***		
7	Federal and Indian Lease Wells: The BLM and or the I or operator change for all wells listed on Federal or Indian leases of	BIA has approv	ved the n	nerger, name change, applied for BIA
8	Federal and Indian Units: The BLM or BIA has approved the successor of unit operator for	r wells listed on:		applied for
9.	Federal and Indian Communization Agreements (" The BLM or BIA has approved the operator for all wells listed w			N/A
10	D. Underground Injection Control ("UIC") The Di Inject, for the enhanced/secondary recovery unit/project for the wa			orm 5, Transfer of Authority to n: N/A
D	ATA ENTRY:			
1.	Changes entered in the Oil and Gas Database on:	12/31/2003		
2.	Changes have been entered on the Monthly Operator Change Sp	read Sheet on:		12/31/2003
3.	Bond information entered in RBDMS on:	<u>N/A</u>		
4.	Fee wells attached to bond in RBDMS on:	N/A		
S	TATE WELL(S) BOND VERIFICATION:	··.		
1.	State well(s) covered by Bond Number:	N/A		
F	EDERAL WELL(S) BOND VERIFICATION:	(E)		
1.		<u>UTB000048</u>		
IN	NDIAN WELL(S) BOND VERIFICATION:			
1.	Indian well(s) covered by Bond Number:	<u>N/A</u>		
F	EE WELL(S) BOND VERIFICATION:			
	(R649-3-1) The NEW operator of any fee well(s) listed covered by	Bond Number		N/A
2.	The FORMER operator has requested a release of liability from the The Division sent response by letter on:	ir bond on: N/A	N/A	-
	EASE INTEREST OWNER NOTIFICATION: (R649-2-10) The FORMER operator of the fee wells has been conta of their responsibility to notify all interest owners of this change on:	acted and informe	ed by a lett	er from the Division
C	DMMENTS:			
			. ""	
			_	



United States Department of the Interior

BUREAU OF LAND MANAGEMENT Utah State Office

P.O. Box 45155 Salt Lake City, UT 84145-0155



IN REPLY REFER TO 3180 UT-922

DJ Simmons, Inc. 1009 Ridgeway Place. Suite 200 Farmington, New Mexico 87401 August 19, 2004

43.037.30943 Mustang 22-34 T365 R 23E Sec 22

Re:

Mustang Unit

San Juan County, Utah

Gentlemen:

On August 18, 2004, we received an indenture dated December 19, 2003, whereby Noble Energy, Inc. resigned as Unit Operator and DJ Simmons, Inc. was designated as Successor Unit Operator for the Mustang Unit, San Juan County, Utah.

This indenture was executed by all required parties and the signatory parties have complied with Sections 5 and 6 of the unit agreement. The instrument is hereby approved effective August 19, 2004. In approving this designation, the Authorized Officer neither warrants nor certifies that the designated party has obtained all required approval that would entitle it to conduct operations under the Mustang Unit Agreement.

Your Utah statewide oil and gas bond No. UTB000048 will be used to cover all operations within the Mustang Unit.

It is requested that you notify all interested parties of the change in unit operator. Copies of the approved instruments are being distributed to the appropriate federal offices, with one copy returned herewith.

Sincerely,

/s/ Terry Catlin

Terry Catlin
Acting Chief, Branch of Fluid Minerals

Enclosure

bcc: Field Manager - Moab (w/enclosure)

SITLA

Division of Oil, Gas & Mining

Dockets

File - Mustang Unit (w/enclosure)

Agr. Sec. Chron Fluid Chron Central Files

UT922:TAThompson:tt:8/19/04

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DIV. OF OIL, GAS & MINING

	FORM 9		
ı	5.LEASE DESIGNATION AND SERIAL NUMBER: UTU-23521		
SUNDR	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:		
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.			7.UNIT or CA AGREEMENT NAME: MUSTANG
1. TYPE OF WELL Oil Well			8. WELL NAME and NUMBER: MUSTANG UNIT 22-34
2. NAME OF OPERATOR: D J SIMMONS, INC			9. API NUMBER: 43037309430000
3. ADDRESS OF OPERATOR: 1009 RIDGEWAY PL, STE 2	00 , FARMINGTON, NM, 87401	PHONE NUMBER: 505 326-3753 Ext	9. FIELD and POOL or WILDCAT: MUSTANG FLAT
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1076 FSL 2414 FEL			COUNTY: SAN JUAN
QTR/QTR, SECTION, TOWNSH	HIP, RANGE, MERIDIAN: 22 Township: 36.0S Range: 23.0E Meridi	an: S	STATE: UTAH
11. CHEC	K APPROPRIATE BOXES TO INDICAT	E NATURE OF NOTICE, REPOR	RT, OR OTHER DATA
TYPE OF SUBMISSION		TYPE OF ACTION	
	ACIDIZE	ALTER CASING	CASING REPAIR
NOTICE OF INTENT Approximate date work will start:	CHANGE TO PREVIOUS PLANS	CHANGE TUBING	CHANGE WELL NAME
12/31/2015	CHANGE WELL STATUS	COMMINGLE PRODUCING FORMATIONS	CONVERT WELL TYPE
	DEEPEN	FRACTURE TREAT	NEW CONSTRUCTION
SUBSEQUENT REPORT Date of Work Completion:			
	OPERATOR CHANGE	✓ PLUG AND ABANDON	L PLUG BACK
SPUD REPORT	PRODUCTION START OR RESUME	RECLAMATION OF WELL SITE	RECOMPLETE DIFFERENT FORMATION
Date of Spud:	REPERFORATE CURRENT FORMATION	SIDETRACK TO REPAIR WELL	TEMPORARY ABANDON
	TUBING REPAIR	VENT OR FLARE	WATER DISPOSAL
DRILLING REPORT Report Date:	WATER SHUTOFF	SI TA STATUS EXTENSION	APD EXTENSION
Report Bate.	WILDCAT WELL DETERMINATION	OTHER	OTHER:
12. DESCRIBE PROPOSED OR	COMPLETED OPERATIONS. Clearly show a	Il pertinent details including dates, d	lenths, volumes, etc.
This is a federal wel	ll we intend to plug and aban mitted to the BLM for approva stipulate any additional requ	don. The attached file is al. Please approve the	CONTRACTOR CONTRACTOR CONTRACTOR
	necessary.	·	Date: 0
			By: Detober 05, 2015
NAME (DI EACE DOINT)	DUONE NUMBE	ED TITLE	
NAME (PLEASE PRINT) Rod Seale	PHONE NUMBE 505 486-9710	ER TITLE Engineer	
SIGNATURE N/A		DATE 9/24/2015	
11/7]		■ 3/44/4013	

Sundry Number: 66337 API Well Number: 43037309430000

Elevation: 6130'GR, 6143'KB

13 3/8" CSA 66' w/ 5 1/2 yds, circ

3,000 psi Gulfco Wellhead

Mustang No. 22-34

Location: 1076' FSL, 2414' FEL, Sec 22,

T36S, R23E, San Juan County,

Utah

Field: Ismay

API #: 43-037-30943

Spud Date: February 3, 1984, 00:15 hours

9 5/8" 36# K55 STC CSA 2,250' w/ 805 sx & 75' of 1", circ TOC: 2730' by CBL after remediation done Sept 2005 9-8-05: Hole in casing between 4367'-4400' Bottom of cement: 4410' by CBL after remediation done Sept 2005 - TOC: 4950' by CBL 9-16-05: Land 2 3/8" tubing at 6268'. NC, 1 jt, SN, 187jts. 4-16-84: Perf 6238'-44', 59'-66', 80'-82' 4-15-84: CIBP @ 6450' w/ 3sx cement 4-8-84: Perf 6484'-93'

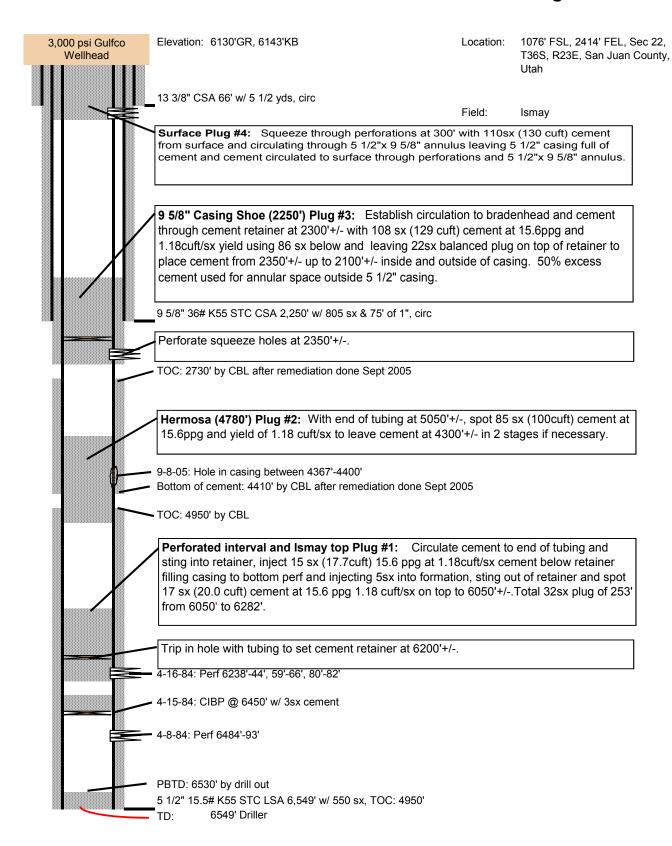
PBTD: 6530' by drill out

6549' Driller

5 1/2" 15.5# K55 STC LSA 6,549' w/ 550 sx, TOC: 4950'

Sundry Number: 66337 API Well Number: 43037309430000

Mustang No. 22-34



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Mustang No. 22-34

Directions: From Blanding Utah follow CR 206 generally southeast for 16 miles to the intersection of

CR 204. Turn north on CR 204 travelling for 11 miles to a lease road forking off to the

left. Follow lease road 2 miles to location.

Location: 1076' FSL, 2414' FEL, Sec 22, T36S, R23E, San Juan County, Utah

Field: Ismay

API #: 43-037-30943

Spud Date: February 3, 1984, 00:15 hours

Elevation: 6130'GR, 6143'KB

TD: 6549' Driller

Wellhead: Cameron

Tubulars:

Surface: 13 3/8" CSA 66' w/ 5 1/2 yds, circ

Intermediate: 9 5/8" 36# K55 STC CSA 2,250' w/ 805 sx & 75' of 1", circ Production: 5 1/2" 15.5# K55 STC LSA 6,549' w/ 550 sx, TOC: 4950'

Liner:

Procedure:

- 1) Back drag and clean location for crew & rig safety. Find anchors and have them tested and certified.
- 2) Move in well service unit and rig up with associated plugging equipment.
- 3) Bleed pressure off well. Nipple down wellhead and nipple up BOP.
- 4) Trip out of hole with 2 3/8" tubing landed at 6268' on 9-16-05. NC, 1 jt, SN, 187jts.
- 5) Trip in with 4 3/4" bit and casing scraper for 5 1/2" 15.5# casing through perforations to bottom shot at 6282' circulating well clean in the process.
- 6) Trip out of hole.
- 7) Trip in hole with tubing to set cement retainer at 6200'+/-.
- 8) Test tubing to check integrity.
- 9) Test casing to 500psi to establish integrity.
- 10) **Perforated interval and Ismay top Plug #1:** Circulate cement to end of tubing and sting into retainer, inject 15 sx (17.7cuft) 15.6 ppg at 1.18cuft/sx cement below retainer filling casing to bottom perf and injecting 5sx into formation, sting out of retainer and spot 17 sx (20.0 cuft) cement at 15.6 ppg 1.18 cuft/sx on top to 6050'+/-.Total 32sx plug of 253' from 6050' to 6282'.

Rod Seale Page 1 of 2 9/15/2015

Mustang No. 22-34

- 11) Trip out laying down tubing to land at 6050'+/-.
- 12) With end of tubing at 6050'+/-, circulate hole and spot inhibitied fluid to 5050'+/-.
- 13) Trip out of hole laying down pipe to land end of tubing at 5050'+/-.
- 14) **Hermosa (4780') Plug #2:** With end of tubing at 5050'+/-, spot 85 sx (100cuft) cement at 15.6ppg and yield of 1.18 cuft/sx to leave cement at 4300'+/- in 2 stages if necessary.
- 15) Trip out of hole laying down excess tubing beyond 4300'+/-.
- 16) With end of tubing at 4300'+/-, circulate hole and spot inhibitied fluid to 2350'+/-.
- 17) Trip out of hole laying down excess tubing beyond 2350'+/-.
- 18) Perforate squeeze holes at 2350'+/-.
- 19) Trip in hole with cement retainer and tubing to set cement retainer at 2300'+/-.
- 9 5/8" Casing Shoe (2250') Plug #3: Establish circulation to bradenhead and cement through cement retainer at 2300'+/- with 108 sx (129 cuft) cement at 15.6ppg and 1.18cuft/sx yield using 86 sx below and leaving 22sx balanced plug on top of retainer to place cement from 2350'+/- up to 2100'+/- inside and outside of casing. 50% excess cement used for annular space outside 5 1/2" casing.
- 21) Trip out of hole laying down tubing to land at 2100'+/-.
- 22) With end of tubing at 2100'+/-, circulate hole and spot inhibitied fluid to surface.
- 23) Trip out of hole laying down tubing saving 300'.
- 24) Perforate squeeze holes at 300'.
- 25) **Surface Plug #4:** Squeeze through perforations at 300' with 110sx (130 cuft) cement from surface and circulating through 5 1/2"x 9 5/8" annulus leaving 5 1/2" casing full of cement and cement circulated to surface through perforations and 5 1/2"x 9 5/8" annulus.
- 26) Cut off casing, top off all annuli and bell hole with cement and install marker as indicated in stipulations.
- 27) Remove equipment and remediate location as indicated in lease agreements, conditions of approval and stipulations.

Rod Seale Page 2 of 2 9/15/2015

Sundry Number: 69677 API Well Number: 43037309430000 FEDERAL APPROVAL OF THIS ACTION IS NECESSARY

	STATE OF UTAH		FORM 9		
	5.LEASE DESIGNATION AND SERIAL NUMBER: UTU-23521				
SUNDF	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:				
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION PERMIT TO DRILL form for such proposals.			7.UNIT or CA AGREEMENT NAME: MUSTANG		
1. TYPE OF WELL Oil Well			8. WELL NAME and NUMBER: MUSTANG UNIT 22-34		
2. NAME OF OPERATOR: D J SIMMONS, INC	9. API NUMBER: 43037309430000				
3. ADDRESS OF OPERATOR: 1009 RIDGEWAY PL, STE 2	200 , FARMINGTON, NM, 87401	PHONE NUMBER: 505 326-3753 Ext	9. FIELD and POOL or WILDCAT: MUSTANG FLAT		
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1076 FSL 2414 FEL			COUNTY: SAN JUAN		
QTR/QTR, SECTION, TOWNS	HIP, RANGE, MERIDIAN: 22 Township: 36.0S Range: 23.0E Meridia	an: S	STATE: UTAH		
11. CHEC	K APPROPRIATE BOXES TO INDICATI	E NATURE OF NOTICE, REPOF	RT, OR OTHER DATA		
TYPE OF SUBMISSION		TYPE OF ACTION			
✓ NOTICE OF INTENT	ACIDIZE	ALTER CASING	CASING REPAIR		
Approximate date work will start: 3/15/2016	✓ CHANGE TO PREVIOUS PLANS	CHANGE TUBING	CHANGE WELL NAME		
	CHANGE WELL STATUS	COMMINGLE PRODUCING FORMATIONS	CONVERT WELL TYPE		
SUBSEQUENT REPORT Date of Work Completion:	DEEPEN	FRACTURE TREAT	NEW CONSTRUCTION		
	OPERATOR CHANGE	PLUG AND ABANDON	PLUG BACK		
SPUD REPORT	PRODUCTION START OR RESUME	RECLAMATION OF WELL SITE	RECOMPLETE DIFFERENT FORMATION		
Date of Spud:	REPERFORATE CURRENT FORMATION	SIDETRACK TO REPAIR WELL	TEMPORARY ABANDON		
	TUBING REPAIR	VENT OR FLARE	WATER DISPOSAL		
DRILLING REPORT Report Date:	WATER SHUTOFF	SI TA STATUS EXTENSION	APD EXTENSION		
	WILDCAT WELL DETERMINATION	OTHER	OTHER:		
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. This is a federal well that was proposed to be plugged and abandoned. Upon further review, operator is now requesting to modify this well for configuration as a pressure monitoring well after casing pressure test is completed and verified. This procedure will also preserve the wellbore for a future potential recompletion into the Honker Trail formation identified limestone at 5832' to 5842'. Moreover, weather conditions at the Mustang field are difficult with significant snow cover. Now plan to commence operations in mid-March. The attached file is the same data submitted to the BLM for approval. Please approve the procedure and stipulate any additional requirements you deem necessary.					
NAME (PLEASE PRINT)	PHONE NUMBE	R TITLE President			
John Byrom SIGNATURE	505 326-3753	DATE			
N/A		2/5/2016			

Mustang No. 22-34

3,000 psi Gulfco Elevation: 6130'GR, 6143'KB 13 3/8" CSA 66' w/ 5 1/2 yds, circ 9 5/8" 36# K55 STC CSA 2,250' w/ 805 sx & 75' of 1", circ TOC: 2730' by CBL after remediation done Sept 2005 9-8-05: Hole in casing between 4367'-4400' Bottom of cement: 4410' by CBL after remediation done Sept 2005 TOC: 4950' by CBL 9-16-05: Land 2 3/8" tubing at 6268'. NC, 1 jt, SN, 187jts. 4-16-84: Perf 6238'-44', 59'-66', 80'-82' 4-15-84: CIBP @ 6450' w/ 3sx cement 4-8-84: Perf 6484'-93'

PBTD: 6530' by drill out

6549' Driller

TD:

5 1/2" 15.5# K55 STC LSA 6,549' w/ 550 sx, TOC: 4950'

Location: 1076' FSL, 2414' FEL, Sec 22,

T36S, R23E, San Juan County,

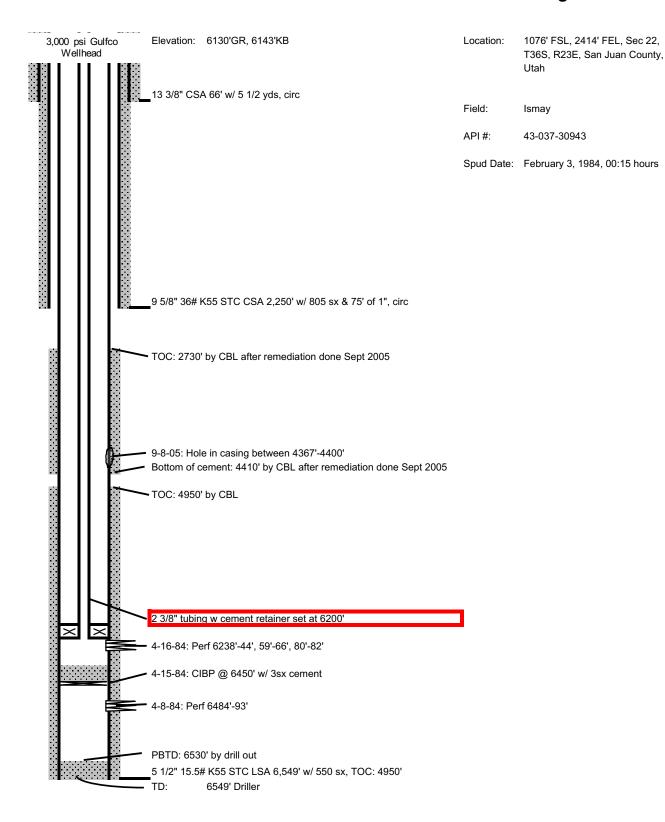
Utah

Field: Ismay

API#: 43-037-30943

Spud Date: February 3, 1984, 00:15 hours

Mustang No. 22-34



Mustang No. 22-34

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204. Turn north on CR 204 travelling for 11 miles to a lease road forking off to the left. Follow

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TD: 6549' Driller Wellhead: Cameron

Tubulars:

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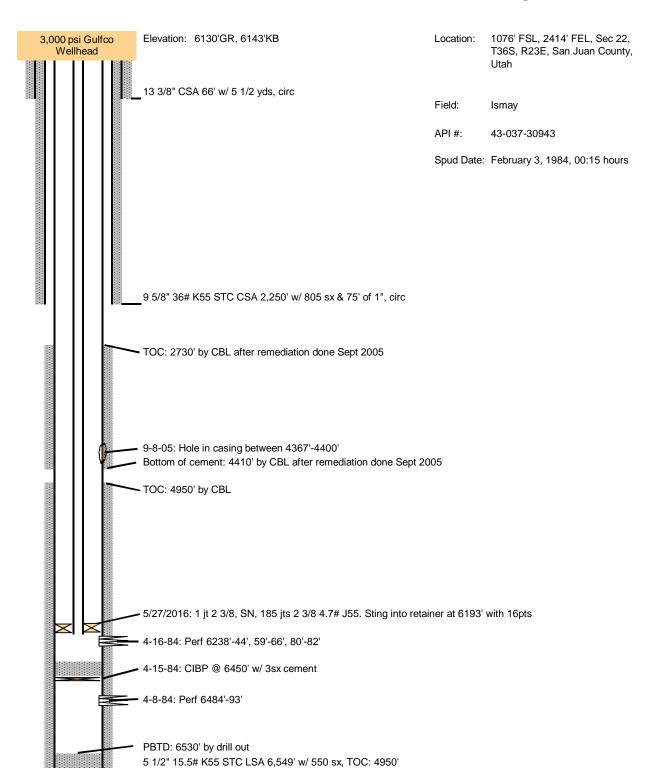
Procedure:

- Back drag and clean location for crew & rig safety. Find anchors and have them tested and certified.
- 2) Double-block and bleed to isolate well from pipeline.
- 3) Move in well service unit and rig up. Bring additional 2 3/8" tubing.
- 4) Bleed pressure off well. Nipple down wellhead and nipple up BOP.
- 5) Trip out of hole with 2 3/8" tubing landed at 6268' on 9-16-05. NC, 1 jt, SN, 187jts.
- 6) Trip in with 4 3/4" bit and casing scraper for 5 1/2" 15.5# casing through perforations to bottom shot at 6282' circulating well clean in the process.
- 7) Trip out of hole.
- 8) Pick up 5-1/2" 17# Cement Retainer with Setting Tool. Trip in and set retainer at 6200', above top perforation at 6238'.
- 9) Load hole from bottom and test tubing and casing to 500 psig. Verify Casing integrity.
- 10) Trip out with setting tool.
- 11) Trip in w/ 2-3/8" stinger assembly for retainer on tubing. Engage Cement Retainer at 6200'. Establish Rate Below Retainer.
- 12) Space Out and Land 2-3/8" Tubing in compression inside retainer.
- 13) Nipple down BOP. Nipple up Wellhead.
- 14) Pressure Test 5-1/2" Casing and monitor on pressure recorder to 500 psig.
- 15) Rig down and release rig.
- 16) Well Conditioned as Pressure Observation Well.

NOTE: IF CASING FAILS TO TEST ON STEP 9 ABOVE, WILL RELEASE W.O. RIG AND BRING IN PLUGGING RIG AND EQUIPMENT TO PXA WELL PER PREVIOUSLY APPROVED PROCEDURE.

	STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES		FORM 9		
ι	5.LEASE DESIGNATION AND SERIAL NUMBER: UTU-23521				
SUNDR	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:				
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QTR/QTR, SECTION, TOWNSH Qtr/Qtr: SWSE Section: 2	S	STATE: UTAH			
11. CHECK	K APPROPRIATE BOXES TO INDICATE N	IATURE OF NOTICE, REPOR	RT, OR OTHER DATA		
TYPE OF SUBMISSION		TYPE OF ACTION			
_	ACIDIZE	ALTER CASING	CASING REPAIR		
NOTICE OF INTENT Approximate date work will start:	CHANGE TO PREVIOUS PLANS	CHANGE TUBING	CHANGE WELL NAME		
/	CHANGE WELL STATUS	COMMINGLE PRODUCING FORMATIONS	✓ CONVERT WELL TYPE		
SUBSEQUENT REPORT Date of Work Completion:	DEEPEN	FRACTURE TREAT	NEW CONSTRUCTION		
5/27/2016	OPERATOR CHANGE	PLUG AND ABANDON	PLUG BACK		
SPUD REPORT	PRODUCTION START OR RESUME	RECLAMATION OF WELL SITE	RECOMPLETE DIFFERENT FORMATION		
Date of Spud:	REPERFORATE CURRENT FORMATION	SIDETRACK TO REPAIR WELL	TEMPORARY ABANDON		
	TUBING REPAIR	VENT OR FLARE	WATER DISPOSAL		
DRILLING REPORT Report Date:	☐ WATER SHUTOFF ☐	SI TA STATUS EXTENSION	APD EXTENSION		
·	WILDOAT WELL DETERMINATION	OTHER	OTHER-		
	WILDCAT WELL DETERMINATION	OTHER	OTHER.		
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. The well has been an inactive gas well for several years. The well was converted to a pressure monitoring well with a cement retainer set at 6193' to isolate the casing. The well was pressure tested to 500psi and held. The attached file contains a current well sketch, a summary of daily operation reports and the pressure recording chart demonstrating the well integrity. This is a federal well. Please accept this report for the well record. Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY June 27, 2016					
NAME (PLEASE PRINT)	PHONE NUMBER	TITLE			
Rod Seale	505 486-9710	Engineer			
SIGNATURE N/A		DATE 6/21/2016			

Mustang No. 22-34



6549' Driller

Mustang No. 22-34

1076' FSL, 2414' FEL, Sec 22, T36S, R23E,

San Juan County, Utah

May 25, 2016:

Rig up well service unit. Blow well down CP: 200psig, TP: 0psig. Nipple down wellhead. Nipple up BOP. Trip out of hole with 187 jts 2 3/8, SN, 1 jt 2 3/8, coupling. Trip in hole with 4 ¾" bit, casing scraper and 188 jts tbg. Casing slick, No drag. No fill. Trip out of hole with 5 stands tubing. Secure well. Shut down for night.

May 26, 2016:

Finish trip out of hole. Make up 5 ½" cement retainer. Trip in hole to 6193.09'KB. Set cement retainer. Load tubing with fresh water and test. Held OK. Sting out of retainer. Circulate well clean with fresh water. Test casing to 500psi. Held OK for 7 min. Trip out of hole with setting tool. Secure well. Shut down for night.

May 27, 2016:

Trip in hole with stinger, 1 jt 2 3/8, SN, 185 jts 2 3/8 4.7# J55. Sting into retainer at 6193' with 16pts. Tubing went to vac. Nipple down BOP. Nipple up wellhead. MIT tubing casing annulus to 550psi. Held with maybe 20psi drop over 1 1/2 hours. Chart not very good because of 24 hour clock and wrinkled paper, but well is solid. Rig down well service unit.

